

AMERICAN JOURNAL OF OPHTHALMOLOGY®

Volume 109
JANUARY-JUNE, 1990

FRANK W. NEWELL, *Publisher and Editor-in-Chief*
435 N. Michigan Ave., Suite 1415, Chicago, Illinois 60611

EDITORIAL BOARD

JULES BAUM, *Boston*
WILLIAM M. BOURNE, *Rochester*
RONALD M. BURDE, *New York*
FRED EDERER, *Bethesda*
FREDERICK T. FRAUNFELDER, *Portland*
STEVEN G. KRAMER, *San Francisco*
IRVING H. LEOPOLD, *Irvine*
ROBERT MACHEMER, *Durham*
NANCY M. NEWMAN, *San Francisco*
DON H. NICHOLSON, *Miami*
EDWARD W. D. NORTON, *Miami*
DEBORAH PAVAN-LANGSTON, *Boston*

ALLEN M. PUTTERMAN, *Chicago*
DENNIS ROBERTSON, *Rochester*
MERLYN M. RODRIGUES, *Baltimore*
STEPHEN J. RYAN, *Los Angeles*
JERRY A. SHIELDS, *Philadelphia*
M. BRUCE SHIELDS, *Durham*
DAVID SHOCH, *Chicago*†
RONALD E. SMITH, *Los Angeles*
BRUCE E. SPIVEY, *San Francisco*
BRADLEY R. STRAATSMA, *Los Angeles*
E. MICHAEL VAN BUSKIRK, *Portland*
GUNTER K. VON NOORDEN, *Houston*
†Died May 8, 1990

H. STANLEY THOMPSON, *Book Review Editor*
THOMAS M. AABERG, *Senior Associate Editor*
MICHAEL A. KASS, *Associate Editor*
MARY L. BORYSEWICZ, *Executive Managing Editor*

PUBLISHED MONTHLY BY THE OPHTHALMIC PUBLISHING COMPANY
435 N. Michigan Ave., Suite 1415, Chicago, Illinois 60611

DL
09
90
MI

SUBJECT INDEX

Note: Abstract Index follows Author Index

A

Aarskog syndrome

Ocular and systemic findings in the Aarskog (facial-digital-genital) syndrome, 450

Acanthamoeba sp.

Oral itraconazole and topical miconazole with débridement for *Acanthamoeba* keratitis, 121

Acquired immunodeficiency syndrome

Diabetic retinopathy associated with acquired immunodeficiency syndrome (letter), 744

Interferon treatment of herpetic keratitis in a patient with acquired immunodeficiency syndrome (letter), 93

Necrotizing scleritis secondary to conjunctival squamous cell carcinoma in acquired immunodeficiency syndrome (letter), 231

Adenoma

Visual function improvement in patients with macroprolactinomas treated with bromocriptine, 535

Adnexa

Linear subcutaneous fat atrophy after a single corticosteroid injection for ocular adnexal hemangioma (letter), 102

Afferent pupillary defect

The effect of light intensity on measurement of the relative afferent pupillary defect (letter), 481

Aging

Age-related macular changes in humans over 90 years old, 265

Drusen as risk factors in age-related macular disease, 38

Aminocaproic acid

Traumatic hyphema in an urban population, 23

Amphotericin B

Collagen shield delivery of amphotericin B, 701

Anesthesia

Acquired Brown's syndrome after peribulbar anesthesia (letter), 349

Peribulbar anesthesia for strabismus surgery, 705

Aneurysm

Macroaneurysms associated with retinal branch vein occlusion, 567

Angiography

A simple device to standardize measurements of retinal structures in fundus photographs and retinal angiograms (letter), 107

Angioma

Peripheral retinal angiomalike lesion and macular pucker (correspondence), 244

Anisocoria

Fatigue-induced familial anisocoria (letter), 480

Anisometropia

Myopia induced by vitreous hemorrhage, 199

Anophthalmos

Diamond-shaped incision for obtaining dermis-fat grafts (letter), 746

Anterior segment

Severe ocular anterior segment ischemia after long-term trifluridine treatment for presumed herpetic keratitis (letter), 346

Antibody

HMB-45 antibody reactivity in pigmented lesions of the conjunctiva, 696

Antigen

Class II antigen expression in diabetic preretinal membranes, 70

Aphakia

Corneal topography of patients with excellent Snellen visual acuity after epikeratophakia for aphakia, 162

Aqueous humor

Epidermal growth factor in human aqueous humor (letter), 603

Artery occlusion

Branch retinal artery occlusion after platelet transfusion (letter), 105

Astrocytoma

Intermittent pupillary dilatation associated with astrocytoma (letter), 237

B

Bardet-Biedl syndrome

Patterns of rod and cone dysfunction in Bardet-Biedl syndrome, 676

Beta-blocker

Ciliary vasoconstriction after topical adrenergic drugs, 511

Betaxolol

Ciliary vasoconstriction after topical adrenergic drugs, 511

Effects and interactions of epinephrine, norepinephrine, timolol, and betaxolol on outflow facility in the cynomolgus monkey, 189; correction, 499

Biopsy

Immunohistochemical analysis of iris biopsy specimens from patients with Fuchs' heterochromic cyclitis, 394

Birdshot retinochoroidopathy

Late developing lesions in birdshot retinochoroidopathy, 204

Presumed sarcoid choroidopathy mimicking birdshot retinochoroidopathy (letter), 357

Blepharoplasty

Blepharoptosis repair by fascia lata suspension with direct tarsal and frontalis fixation, 314

Combined superior oblique paresis and Brown's syndrome after blepharoplasty (letter), 347

Blepharoptosis

Blepharoptosis repair by fascia lata suspension with direct tarsal and frontalis fixation, 314

Books and Computer Software

Accountability in Research. Policies and Quality Assurance, by Shamoo, A. E. (ed.), 366

Aesthetic Surgery of the Eyelids, by Loeb, R., 492

Atlas of Ocular Motility, by Nelson, L. B., and Catalano, R. A., 366

Cataract Surgery and Its Complications, ed. 5, by Jaffe, N. S., Jaffe, M. S., and Jaffe, G. F., 492

Clinical Anatomy of the Eye, by Snell, R., and Lempp, M. A., 112

A Color Atlas of Ptosis. A Practical Guide to Evaluation and Management, by Dutton, J. J., 364

Contact Lenses. A Textbook for Practitioner and Student, ed. 3, by Phillips, A. J., and Stone, J. (eds.), 246

Developments in Ophthalmology. Ultrastructure of the Conjunctival Epithelium, by Steuhl, K.-P., 366

Developments in Ophthalmology, vol. 20. Graves' Ophthalmopathy. Developments on Diagnostic Methods and Therapeutical Procedures, by Pickardt, C. R., and Boergen, K. P. (eds.), 365

Differential Diagnosis of Hereditary Vitreoretinopathy, by Spallone, A., 366

Extracapsular Cataract Microsurgery and Posterior Chamber Intraocular Lenses, by Buratto, L. (ed.), 749

Guide to Clinical Preventive Services. An Assessment of the Effectiveness of 169 Interventions. Report of the U.S. Preventive Services Task Force, by Fisher, M. (ed.), 246

Inherited and Environmentally Induced Retinal Degenerations, by LaVail, M. M., Anderson, R. E., and Hollyfield, J. G. (eds.), 366

Intraocular Lenses. Evolution, Designs, Complications, and Pathology, by Apple, D. J., Mamlis, N., Olson, R. J., and Kincaid, M. C., 112

Introduction to Ophthalmology, ed. 3, by Parr, J., 367

Laser Microsurgery of Glaucoma, by Buratto, L., Ricci, A., and Vitali, D., 493

Malformaciones Oculares. Oftalmología en Bolivia. Enfoque Geográfico y Antropológico, vol. 1, by Aracena Ibarra, T., 617

Manual of Retinal Surgery, by Packer, A. J. (ed.), 367

Microsurgery of Retinal Detachment, by Bonnet, M., 617

Microsurgery of the Eye. Main Aspects, by Fyodorov, S. N. (ed.), 367

Myopia Surgery. Anterior and Posterior Segments, by Thompson, F. B. (ed.), 365

Oculoplastic and Orbital Emergencies, by Linberg, J. V. (ed.), 364

Oculoplastic, Orbital, and Reconstructive Surgery, vol. 2. Orbit and Lacrimal System, by Hornblass, A. (ed.), 749

Ophthalmology. A Diagnostic Text, by Coles, W. H., 113

Ophthalmology. What Shall I Do?, by Kanski, J. J., and Daily, B., 113

Pneumatic Retinopathy. A Clinical Symposium, by Tornambe, P. E., and Grizzard, W. S. (eds.), 247

Proliferative Vitreoretinopathy, by Heimann, K., and Wiedemann, P. (eds.), 494

Providing Services for People With Vision Loss. A Multidisciplinary Perspective, by Greenblatt, S. L. (ed.), 617

Retinal Detachment and Vitreous Surgery, by McDonald, H. R., Schatz, H., and Johnson, R. N., 494

Ryan. A Mother's Story of Her Hyperactive/Tourette Syndrome Child, by Hughes, S., 750

Sensory Systems I. Vision and Visual Systems, by Held, R. (ed.), 494

Sudden Vision. The "RK" Procedure for Nearsightedness and Other Wonders of Modern Ophthalmology, by Crater, J., 617

Tourette Syndrome and Human Behavior, by Comings, D. E., 750

Vision and the Brain. The Organization of the Central Visual System, by Cohen, B., and Bodis-Wollner, I. (eds.), 367

The Visual Fields. Text and Atlas of Clinical Perimetry, ed. 6, by Harrington, D. O., and Drake, M. V., 367

The Vitreous. Structure, Function, and Pathobiology, by Sebag, J., 493

What Kind of Life. The Limits of Medical Progress, by Callahan, D., 493

The 1989 Year Book of Ophthalmology, by Laibson, P. R. (ed.), 247

Botulinum toxin

Tonic pupils as a result of botulism (letter), 236

Bromocriptine

Visual function improvement in patients with macroprolactinomas treated with bromocriptine, 535

Brown's syndrome

Acquired Brown's syndrome after peribulbar anesthesia (letter), 349

Combined superior oblique paresis and Brown's syndrome after blepharoplasty (letter), 347

Bruch's membrane

Choroidal perfusion abnormality with age-related Bruch's membrane change, 211

Helicoid peripapillary chorioretinal degeneration, 290

C***Capnocytophaga* sp.**

Capnocytophaga canimorsus as the cause of a chronic corneal infection (letter), 240

Capnocytophaga keratitis associated with poor dentition and human immunodeficiency virus infection (letter), 352

Carcinoma

IgA and complement immunofluorescent pattern in sebaceous gland carcinoma of the eyelid (letter), 353

Cataract

Familial congenital cornea guttata with anterior polar cataracts (correspondence), 245

Laser and unsutured sclerotomy in nanophthalmos, 575

Limbal-based vs fornix-based conjunctival flaps in combined extracapsular cataract surgery and glaucoma filtering procedure, 709

Posterior subcapsular cataracts associated with nasal or inhalation corticosteroids (letter), 489

Propionibacterium acnes endophthalmitis two years after extracapsular cataract extraction (letter), 609

Suprachoroidal dislocation of a posterior chamber intraocular lens (letter), 713

Children

Accommodative esotropia after ocular and head injury, 195

Floppy eyelid syndrome in a child (letter), 356

Glaucoma in oculo-dento-osseous dysplasia, 310

Linear subcutaneous fat atrophy after a single corticosteroid injection for ocular adnexal hemangioma (letter), 102

Myopia induced by vitreous hemorrhage, 199

Orbital myositis with Lyme disease, 13

Posterior vitreous cyst, 295

Septo-optic dysplasia in two siblings, 632

Spontaneous orbital hemorrhage associated with idiopathic inflammatory pseudotumor (letter), 103

Subepidermal calcified nodules of the eyelid, 85

***Chlamydia* sp.**

The sensitivity of *Neisseria gonorrhoeae*, *Chlamydia trachomatis*, and herpes simplex type II to disinfection with povidone-iodine, 329

Chorioretinitis

Chorioretinitis induced by coxsackievirus B4 infection (letter), 225

Electroretinograms in microcephaly with chorioretinal degeneration, 457

Helicoid peripapillary chorioretinal degeneration, 290

Choristoma

Bilateral choroidal osteoma in three siblings, 656

Choroid

Bilateral choroidal neonatal neuroblastoma, 445

Bilateral choroidal osteoma in three siblings, 656

Choroidal perfusion abnormality with age-related Bruch's membrane change, 211

Comparison of xenon arc and argon laser photocoagulation in the treatment of choroidal melanomas, 647

Presumed small choroidal melanomas with serous macular detachments with and without surface laser photocoagulation treatment, 259

Subretinal endolaser treatment of a choroidal bleeding site (letter), 742

Treatment of foveal pigment epithelial detachments with contiguous extrafoveal choroidal neovascular membranes, 523

Varix of the vortex ampulla simulating a choroidal melanoma (letter), 607

Ciliary body

Ciliary vasoconstriction after topical adrenergic drugs, 511

Collagen

Changes in the extracellular matrix of the human optic nerve head in primary open-angle glaucoma, 180

Primate trabeculectomies with 5-fluorouracil collagen implants, 721

Collagen shield

Collagen shield delivery of amphotericin B, 701

Cyclosporine-containing collagen shields suppress corneal allograft rejection, 132

Computer

A computer model for the evaluation of the effect of corneal topography on optical performance, 379

Cone

Patterns of rod and cone dysfunction in Bardet-Biedl syndrome, 676

Congenital disorders

- Bilateral choroidal osteoma in three siblings, 656
- Ocular and systemic findings in the Aarskog (facial-digital-genital) syndrome, 450
- Retinoblastoma associated with holoprosencephaly (letter), 355
- Septo-optic dysplasia in two siblings, 632

Conjunctiva

- Episcleritis and symblepharon associated with Lyme keratitis (letter), 487
- Estrogen and progesterone receptors and human conjunctiva, 474
- Hemorheologic abnormalities in patients with human immunodeficiency virus infection and ophthalmic microvasculopathy, 153
- HMB-45 antibody reactivity in pigmented lesions of the conjunctiva, 696
- Invasive conjunctival tumor with keratoacanthoma features (letter), 736
- Limbal-based vs fornix-based conjunctival flaps in combined extracapsular cataract surgery and glaucoma filtering procedure, 709
- Necrotizing scleritis secondary to conjunctival squamous cell carcinoma in acquired immunodeficiency syndrome (letter), 231
- A 16-year study of conjunctival dacryocystorhinostomy, 387

Conjunctivitis

- Floppy eyelid syndrome in a child (letter), 356
- Neisseria cinerea* acute purulent conjunctivitis (letter), 96
- A systematic approach to the diagnosis and treatment of chronic conjunctivitis, 138

Contact lens

- Collagen shield delivery of amphotericin B, 701
- Comparison of transscleral neodymium:YAG cyclophotocoagulation with and without a contact lens in human autopsy eyes, 174
- A gas-permeable scleral contact lens for visual rehabilitation, 318
- Granular epithelial keratopathy as an unusual manifestation of *Pseudomonas* keratitis associated with extended-wear soft contact lenses, 17
- Intraocular pressure measurement with the Tonopen through soft contact lenses, 62

Cornea

- Capnocytophaga canimorsus* as the cause of a chronic corneal infection (letter), 240
- Cold-induced corneal edema as an isolated feature of trigeminal neuropathy (letter), 484
- A computer model for the evaluation of the effect of corneal topography on optical performance, 379
- Corneal topography of patients with excellent Snellen visual acuity after epikeratophakia for aphakia, 162

Cyclosporine-containing collagen shields suppress corneal allograft rejection, 132

Epidermal growth factor in human aqueous humor (letter), 603

A gas-permeable scleral contact lens for visual rehabilitation, 318

Human immunodeficiency virus seroprevalence among potential corneal donors from medical examiner cases (letter), 92

Indications for and outcomes of repeat penetrating keratoplasty, 689

Interface abscess after epikeratoplasty (letter), 735

Intracorneal ophthalmomyiasis (letter), 741

Listeria monocytogenes keratitis, 334

Microsporidia infection of the cornea in a man seropositive for human immunodeficiency virus (letter), 242

Penetrating keratoplasty after scleral patch graft (letter), 739

Persistent corneal defect caused by *Listeria monocytogenes* (letter), 97

Recurrence of posterior polymorphous corneal dystrophy after penetrating keratoplasty, 323; correction, 622

A refractive and histopathologic study of excimer laser keratectomy in primates, 419

Superior corneal thinning with pellucid marginal corneal degeneration (letter), 486

Topical cyclosporine therapy for ulcerative keratitis associated with rheumatoid arthritis (letter), 610

Unusual mucopolysaccharide disorder with corneal and scleral involvement, 544

Visual loss from endothelial cell melanization of the cornea (letter), 733

Cornea guttata

Familial congenital cornea guttata with anterior polar cataracts (correspondence), 245

Corrections

Effects and interactions of epinephrine, norepinephrine, timolol, and betaxolol on outflow facility in the cynomolgus monkey, 189; correction, 499

Entopic phenomena in pregeniculate and postgeniculate hemianopsia with splitting of macula by perimetry, 108:585; correction, 375

Recurrence of posterior polymorphous corneal dystrophy after penetrating keratoplasty, 323; correction, 622

Corticosteroid

Corticosteroid-responsive traumatic optic neuropathy (letter), 99

Linear subcutaneous fat atrophy after a single corticosteroid injection for ocular adnexal hemangioma (letter), 102

Posterior subcapsular cataracts associated with nasal or inhalation corticosteroids (letter), 489

Coxsackievirus

- Chorioretinitis induced by coxsackievirus B4 infection (letter), 225

Cyanoacrylate

- Cyanoacrylate tissue adhesive in the management of recurrent retinal detachment caused by macular hole, 28
- Cyanoacrylate tissue adhesive in the management of recurrent retinal detachment caused by macular hole (correspondence), 616

Cyclosporine

- Cyclosporine-containing collagen shields suppress corneal allograft rejection, 132
- Cyclosporine-induced trichomegaly (letter), 239
- Topical cyclosporine therapy for ulcerative keratitis associated with rheumatoid arthritis (letter), 610

Cyst

- Microphthalmos with cyst and Edwards' syndrome (letter), 228
- Posterior vitreous cyst, 295

D**Dacryocystorhinostomy**

- A 16-year study of conjunctival dacryocystorhinostomy, 387

Diabetes

- Class II antigen expression in diabetic preretinal membranes, 70
- The pattern electroretinogram in diabetes, 279

Diabetic retinopathy

- Diabetic retinopathy associated with acquired immunodeficiency syndrome (letter), 744
- Iris neovascularization after central retinal artery obstruction despite previous panretinal photocoagulation for diabetic retinopathy, 464
- The pattern electroretinogram in diabetes, 279

Down's syndrome

- Penetrating keratoplasty for keratoconus in Down's syndrome, 143

Drusen

- Drusen as risk factors in age-related macular disease, 38

Duane's retraction syndrome

- Auditory function in Duane's retraction syndrome, 75

Dysostosis

- Lacrimal drainage anomalies in mandibulofacial dysostosis, 571

Dysplasia

- Glaucoma in oculo-dento-osseous dysplasia, 310
- Septo-optic dysplasia in two siblings, 632

E**Echography**

- Contact B-scan echography in the assessment of optic nerve cupping, 55
- Echography in the diagnosis of restrictive motility caused by severe myopia (letter), 350

Edema

- Cold-induced corneal edema as an isolated feature of trigeminal neuropathy (letter), 484

Editorials

- Peer review (NEWELL, F. W.), 221
- Variations in patient care to identify preferred management (SOMMER, A.), 89
- What is the evidence and medical advertising (NEWELL, F. W.), 478

Edwards' syndrome

- Microphthalmos with cyst and Edwards' syndrome (letter), 228

Eikenella sp.

- Ocular infections associated with *Eikenella corrodens*, 127

Electroretinography

- Autosomal dominant congenital stationary night blindness and normal fundus with an electro-negative electroretinogram, 44
- Electroretinograms in microcephaly with chorioretinal degeneration, 457
- The pattern electroretinogram in diabetes, 279

Endophthalmitis

- Propionibacterium acnes* endophthalmitis two years after extracapsular cataract extraction (letter), 609

Endothelium

- Epidermal growth factor in human aqueous humor (letter), 603

Entoptic phenomena

- Entopic phenomena in pregeniculate and postgeniculate hemianopsia with splitting of macula by perimetry, 108:585; correction, 375

Enucleation

- Cobalt-60 plaque radiotherapy vs enucleation for posterior uveal melanoma, 585
- Elimination of the risk of needle-stick injury in handling donor eyes (letter), 351

Epikeratophakia

- Corneal topography of patients with excellent Snellen visual acuity after epikeratophakia for aphakia, 162
- Interface abscess after epikeratoplasty (letter), 735

Epinephrine

- Effects and interactions of epinephrine, norepinephrine, timolol, and betaxolol on outflow facility in the cynomolgus monkey, 189; correction, 499

Episcleritis

- Episcleritis and symblepharon associated with Lyme keratitis (letter), 487

Epithelium

- Granular epithelial keratopathy as an unusual manifestation of *Pseudomonas* keratitis associated with extended-wear soft contact lenses, 17
- Herpes simplex virus and persistent epithelial defects after penetrating keratoplasty (letter), 95

Esotropia

Accommodative esotropia after ocular and head injury, 195

The medial rectus muscle insertion site in infantile esotropia, 79

Estrogen

Estrogen and progesterone receptors and human conjunctiva, 474

Exfoliation syndrome

Combined exfoliation and pigment dispersion syndrome, 530

Eye donation

Elimination of the risk of needle-stick injury in handling donor eyes (letter), 351

Human immunodeficiency virus seroprevalence among potential corneal donors from medical examiner cases (letter), 92

Penetrating keratoplasty after scleral patch graft (letter), 739

Eyelid

Blepharoptosis repair by fascia lata suspension with direct tarsal and frontalis fixation, 314

Electron microscopic evidence of acarine infestation of the eyelid margin (letter), 239

Floppy eyelid syndrome in a child (letter), 356

IgA and complement immunofluorescent pattern in sebaceous gland carcinoma of the eyelid (letter), 353

Linear subcutaneous fat atrophy after a single corticosteroid injection for ocular adnexal hemangioma (letter), 102

Ophthalmomyiasis in an eyelid reconstruction (letter), 101

Spontaneous orbital hemorrhage associated with idiopathic inflammatory pseudotumor (letter), 103

Subepidermal calcified nodules of the eyelid, 85

F**Fibrin**

Cryoprecipitated fibrinogen (fibrin glue) in orbital surgery (letter), 227

Intracameral tissue plasminogen activator for treatment of excessive fibrin response after penetrating keratoplasty (letter), 483

Low-dose intraocular tissue plasminogen activator for treatment of postvitrectomy fibrin formation (letter), 606

Repair of a leaking bleb with fibrin glue (letter), 599

Risk factors for postvitrectomy fibrin formation, 661

Filtering surgery

Adjunctive use of delayed and adjustable low-dose 5-fluorouracil in refractory glaucoma, 412

Fluorouracil filtering surgery study one-year follow-up (correspondence), 613

Fluorouracil filtering surgery study one-year follow-up (correspondence), 614

Limbal-based vs fornix-based conjunctival flaps in combined extracapsular cataract surgery and glaucoma filtering procedure, 709

Primate trabeculectomies with 5-fluorouracil collagen implants, 721

Traumatic rupture of the globe after glaucoma surgery (letter), 732

Fluorescein

A contraindication to injection of intravenous fluorescein (letter), 490

Excretion of fluorescein into breast milk (letter), 598

Fluorescein angiography

Macroaneurysms associated with retinal branch vein occlusion, 567

Safety of fluorescein angiography during pregnancy, 563

Fluorouracil

Adjunctive use of delayed and adjustable low-dose 5-fluorouracil in refractory glaucoma, 412

Fluorouracil filtering surgery study one-year follow-up (correspondence), 613

Fluorouracil filtering surgery study one-year follow-up (correspondence), 614

Primate trabeculectomies with 5-fluorouracil collagen implants, 721

Repair of a leaking bleb with fibrin glue (letter), 599

Trabeculectomy with 5-fluorouracil for adult inflammatory glaucoma, 168

Fovea

Factors prognostic of visual outcome in patients with subretinal hemorrhage, 33

Observations concerning patients with suspected impending macular holes, 638

Spontaneous involution of subfoveal neovascularization, 668

Superficial retinal refractile deposits in juxtafoveal telangiectasis (letter), 604

Treatment of foveal pigment epithelial detachments with contiguous extrafoveal choroidal neovascular membranes, 523

Fuchs' heterochromic iridocyclitis

Immunohistochemical analysis of iris biopsy specimens from patients with Fuchs' heterochromic cyclitis, 394

Fundus

Indirect viewing of the periphery of the ocular fundus through a plane mirror—correction (correspondence), 748

Linear streak lesions of the fundus equator associated with Vogt-Koyanagi-Harada syndrome (letter), 745

A simple device to standardize measurements of retinal structures in fundus photographs and retinal angiograms (letter), 107

Varix of the vortex ampulla simulating a choroidal melanoma (letter), 607

G

Genetics

- Autosomal dominant congenital stationary night blindness and normal fundus with an electro-negative electroretinogram, 44
- Familial congenital cornea guttata with anterior polar cataracts (correspondence), 245
- Mitochondria and Leber's hereditary optic neuropathy, 726
- Twin vessels in familial retinal cavernous hemangioma, 285
- Variable genotype of Leber's hereditary optic neuropathy patients, 625

Gentamicin

- Listeria monocytogenes* keratitis, 334

Glaucoma

- Adjunctive use of delayed and adjustable low-dose 5-fluorouracil in refractory glaucoma, 412
- Automated perimetry, tonometry, and questionnaire in glaucoma screening (correspondence), 362
- Changes in the extracellular matrix of the human optic nerve head in primary open-angle glaucoma, 180
- Combined exfoliation and pigment dispersion syndrome, 530
- Contact B-scan echography in the assessment of optic nerve cupping, 55
- Correlation of visual function and retinal leukocyte velocity in glaucoma, 49
- Fluorouracil filtering surgery study one-year follow-up (correspondence), 613
- Fluorouracil filtering surgery study one-year follow-up (correspondence), 614
- Glaucoma in oculo-dento-osseous dysplasia, 310
- Glaucomalike disks without increased intraocular pressure or visual field loss (correspondence), 361
- Immunohistochemical analysis of iris biopsy specimens from patients with Fuchs' heterochromic cyclitis, 394
- Laser and unsutured sclerotomy in nanophthalmos, 575
- Limbal-based vs fornix-based conjunctival flaps in combined extracapsular cataract surgery and glaucoma filtering procedure, 709
- Normal intraocular pressure after a bone marrow transplant in glaucoma associated with mucopolysaccharidosis type I-H (letter), 230
- Pigmentary glaucoma in the black population, 518
- Primate trabeculectomies with 5-fluorouracil collagen implants, 721
- Repair of a leaking bleb with fibrin glue (letter), 599

Test-retest variability in glaucomatous visual fields (correspondence), 109

Trabeculectomy with 5-fluorouracil for adult inflammatory glaucoma, 168

Traumatic rupture of the globe after glaucoma surgery (letter), 732

Globe

Traumatic rupture of the globe after glaucoma surgery (letter), 732

Graft

Diamond-shaped incision for obtaining dermis-fat grafts (letter), 746

Growth factor

Epidermal growth factor in human aqueous humor (letter), 603

H

Hamartoma

Twin vessels in familial retinal cavernous hemangioma, 285

Health care delivery

- Competition and ophthalmology, 340
- The oversupply of ophthalmic practitioners, 593
- Variations in patient care to identify preferred management (editorial), 89

Hearing loss

Auditory function in Duane's retraction syndrome, 75

Hemangioma

Linear subcutaneous fat atrophy after a single corticosteroid injection for ocular adnexal hemangioma (letter), 102

Twin vessels in familial retinal cavernous hemangioma, 285

Hemianopsia

Entopic phenomena in pregeniculate and postgeniculate hemianopsia with splitting of macula by perimetry, 108:585; correction, 375

Hemorrhage

Bleeding complications in thrombocytopenic patients undergoing ophthalmic surgery (letter), 482

Factors prognostic of visual outcome in patients with subretinal hemorrhage, 33

Myopia induced by vitreous hemorrhage, 199

Spontaneous orbital hemorrhage associated with idiopathic inflammatory pseudotumor (letter), 103

Traumatic hyphema in an urban population, 23

Herpes simplex

Comparative laboratory diagnosis of experimental herpes simplex keratitis, 8

Herpes simplex virus and persistent epithelial defects after penetrating keratoplasty (letter), 95

Interferon treatment of herpetic keratitis in a patient with acquired immunodeficiency syndrome (letter), 93

- Late ophthalmologic manifestations of neonatal herpes simplex virus infection, 1
- Ocular flutter in vidarabine toxicity (letter), 105
- The sensitivity of *Neisseria gonorrhoeae*, *Chlamydia trachomatis*, and herpes simplex type II to disinfection with povidone-iodine, 329
- Severe ocular anterior segment ischemia after long-term trifluridine treatment for presumed herpetic keratitis (letter), 346
- Holoprosencephaly**
Retinoblastoma associated with holoprosencephaly (letter), 355
- Human immunodeficiency virus**
Capnocytophaga keratitis associated with poor dentition and human immunodeficiency virus infection (letter), 352
- Hemorheologic abnormalities in patients with human immunodeficiency virus infection and ophthalmic microvasculopathy, 153
- Human immunodeficiency virus seroprevalence among potential corneal donors from medical examiner cases (letter), 92
- Microsporidia infection of the cornea in a man seropositive for human immunodeficiency virus (letter), 242
- Hurler syndrome**
Normal intraocular pressure after a bone marrow transplant in glaucoma associated with mucopolysaccharidosis type I-H (letter), 230
- Hyperplasia**
Persistent hyperplastic primary vitreous associated with protein C deficiency (letter), 608
- Hypertension**
Contact B-scan echography in the assessment of optic nerve cupping, 55
- Hyphema**
Bleeding complications in thrombocytopenic patients undergoing ophthalmic surgery (letter), 482
- Traumatic hyphema in an urban population, 23
- Hypothermia**
Clinical and histologic effects of extreme intraocular hypothermia, 469
- I**
- Infants**
Acute infantile leukocoria (letter), 612
- Late ophthalmologic manifestations of neonatal herpes simplex virus infection, 1
- The medial rectus muscle insertion site in infantile esotropia, 79
- Injuries**
Accommodative esotropia after ocular and head injury, 195
- Spontaneous visual recovery from traumatic optic neuropathy after blunt head injury, 430
- Subretinal neovascularization after operating microscope burn (letter), 224
- Instruments**
A new instrument for ab interno drainage of subretinal fluid (letter), 360
- Shadow- and reflex-free use of combined fiberoptic manipulators and illuminators in vitreous surgery (letter), 358
- Interferon**
Interferon treatment of herpetic keratitis in a patient with acquired immunodeficiency syndrome (letter), 93
- Intraocular lens**
Limbal-based vs fornix-based conjunctival flaps in combined extracapsular cataract surgery and glaucoma filtering procedure, 709
- Pars plana vitrectomy in the management of dislocated posterior chamber lenses (correspondence), 362
- Suprachoroidal dislocation of a posterior chamber intraocular lens (letter), 713
- A technique for fixing posterior chamber intraocular lenses to the iris through a corneoscleral incision (letter), 488
- Intraocular pressure**
Combined exfoliation and pigment dispersion syndrome, 530
- Evaluation of the Tono-Pen and the Pulsair tonometers, 716
- Glaucomalike disks without increased intraocular pressure or visual field loss (correspondence), 361
- The influence of residual methylcellulose solution on Tono-Pen readings (letter), 602
- Intraocular pressure measurement with the Tono-Pen through soft contact lenses, 62
- Normal intraocular pressure after a bone marrow transplant in glaucoma associated with mucopolysaccharidosis type I-H (letter), 230
- Tight scleral flap trabeculectomy with postoperative laser suture lysis, 303
- Timolol-pilocarpine combined vs timolol and pilocarpine given separately (correspondence), 111
- Iridotomy**
Laser and unsutured sclerotomy in nanophthalmos, 575
- Iris**
Immunohistochemical analysis of iris biopsy specimens from patients with Fuchs' heterochromic cyclitis, 394
- Iris neovascularization after central retinal artery obstruction despite previous panretinal photocoagulation for diabetic retinopathy, 464
- A technique for fixing posterior chamber intraocular lenses to the iris through a corneoscleral incision (letter), 488

Ischemia

Horizontal homonymous sectoral field defect after ischemic infarction of the occipital cortex (letter), 234

Severe ocular anterior segment ischemia after long-term trifluridine treatment for presumed herpetic keratitis (letter), 346

Itraconazole

Oral itraconazole and topical miconazole with débridement for *Acanthamoeba* keratitis, 121

K**Keratotomy**

A refractive and histopathologic study of excimer laser keratotomy in primates, 419

Keratitis

Capnocytophaga keratitis associated with poor dentition and human immunodeficiency virus infection (letter), 352

Comparative laboratory diagnosis of experimental herpes simplex keratitis, 8

Episcleritis and symblepharon associated with Lyme keratitis (letter), 487

Interferon treatment of herpetic keratitis in a patient with acquired immunodeficiency syndrome (letter), 93

Listeria monocytogenes keratitis, 334

Oral itraconazole and topical miconazole with débridement for *Acanthamoeba* keratitis, 121

Persistent corneal defect caused by *Listeria monocytogenes* (letter), 97

Severe ocular anterior segment ischemia after long-term trifluridine treatment for presumed herpetic keratitis (letter), 346

Topical cyclosporine therapy for ulcerative keratitis associated with rheumatoid arthritis (letter), 610

Keratoacanthoma

Invasive conjunctival tumor with keratoacanthoma features (letter), 736

Keratoconus

Penetrating keratoplasty for keratoconus in Down's syndrome, 143

Keratopathy

Granular epithelial keratopathy as an unusual manifestation of *Pseudomonas* keratitis associated with extended-wear soft contact lenses, 17

Infectious crystalline keratopathy caused by *Mycobacterium fortuitum* and *Pseudomonas aeruginosa* (letter), 738

L**Lacrimal apparatus**

Complications of malpositioned Jones tubes, 66

Lacrimal drainage anomalies in mandibulofacial dysostosis, 571

Lamina cribrosa

Changes in the extracellular matrix of the human optic nerve head in primary open-angle glaucoma, 180

Laser

Comparison of transscleral neodymium:YAG cyclophotocoagulation with and without a contact lens in human autopsy eyes, 174

Comparison of xenon arc and argon laser photocoagulation in the treatment of choroidal melanomas, 647

Laser and unsutured sclerotomy in nanophthalmos, 575

Laser treatment of the retinal periphery with the +90-diopter lens (letter), 107

Presumed small choroidal melanomas with serous macular detachments with and without surface laser photocoagulation treatment, 259

A refractive and histopathologic study of excimer laser keratotomy in primates, 419

Scalpel neodymium:YAG laser in oculoplastic surgery, 581

Subretinal endolaser treatment of a choroidal bleeding site (letter), 742

Tight scleral flap trabeculectomy with postoperative laser suture lysis, 303

Leber's optic neuropathy

Mitochondria and Leber's hereditary optic neuropathy, 726

Variable genotype of Leber's hereditary optic neuropathy patients, 625

Lens

Laser treatment of the retinal periphery with the +90-diopter lens (letter), 107

Lenticulus

Acute infantile leukocoria (letter), 612

Leukemia

Analysis of 135 autopsy eyes for ocular involvement in leukemia, 436

Branch retinal artery occlusion after platelet transfusion (letter), 105

Leukocoria

Acute infantile leukocoria (letter), 612

Leukocyte

Correlation of visual function and retinal leukocyte velocity in glaucoma, 49

Listeria sp.

Listeria monocytogenes keratitis, 334

Persistent corneal defect caused by *Listeria monocytogenes* (letter), 97

Lyme borreliosis

Episcleritis and symblepharon associated with Lyme keratitis (letter), 487

Orbital myositis with Lyme disease, 13

M**Macula**

Age-related macular changes in humans over 90 years old, 265

Cyanoacrylate tissue adhesive in the management of recurrent retinal detachment caused by macular hole, 28

Cyanoacrylate tissue adhesive in the management of recurrent retinal detachment caused by macular hole (correspondence), 616

Drusen as risk factors in age-related macular disease, 38

Entopic phenomena in pregeniculate and postgeniculate hemianopsia with splitting of macula by perimetry, 108:585; correction, 375

Helicoid peripapillary chorioretinal degeneration, 290

Observations concerning patients with suspected impending macular holes, 638

Peripheral retinal angioma-like lesion and macular pucker (correspondence), 244

Presumed small choroidal melanomas with serous macular detachments with and without surface laser photocoagulation treatment, 259

Macular degeneration

Age-related macular changes in humans over 90 years old, 265

Meetings, Conferences, Symposia

Ocular Microbiology and Immunology Group: 23rd Annual Meeting (FRIEDLAENDER, M. H.), 368

The Sixth Congress of the International Strabismological Association (VON NOORDEN, G. K.), 751

Melanin

Visual loss from endothelial cell melanization of the cornea (letter), 733

Melanoma

Cobalt-60 plaque radiotherapy vs enucleation for posterior uveal melanoma, 585

Comparison of xenon arc and argon laser photocoagulation in the treatment of choroidal melanomas, 647

HMB-45 antibody reactivity in pigmented lesions of the conjunctiva, 696

Presumed small choroidal melanomas with serous macular detachments with and without surface laser photocoagulation treatment, 259

Varix of the vortex ampulla simulating a choroidal melanoma (letter), 607

Metamorphopsia

A contraindication to injection of intravenous fluorescein (letter), 490

Miconazole

Oral itraconazole and topical miconazole with debridement for *Acanthamoeba* keratitis, 121

Microcephaly

Electroretinograms in microcephaly with chorioretinal degeneration, 457

Microphthalmos

Microphthalmos with cyst and Edwards' syndrome (letter), 228

Microsporidia

Microsporidia infection of the cornea in a man seropositive for human immunodeficiency virus (letter), 242

Motility

Echography in the diagnosis of restrictive motility caused by severe myopia (letter), 350

Mucopolysaccharidosis

Normal intraocular pressure after a bone marrow transplant in glaucoma associated with mucopolysaccharidosis type I-H (letter), 230

Unusual mucopolysaccharide disorder with corneal and scleral involvement, 544

Mycobacterium sp.

Infectious crystalline keratopathy caused by *Mycobacterium fortuitum* and *Pseudomonas aeruginosa* (letter), 738

Mydriasis

Fatigue-induced familial anisocoria (letter), 480

Intermittent pupillary dilatation associated with astrocytoma (letter), 237

Myopia

Echography in the diagnosis of restrictive motility caused by severe myopia (letter), 350

Myopia induced by vitreous hemorrhage, 199

Myositis

Orbital myositis with Lyme disease, 13

N

Nanophthalmos

Laser and unsutured sclerotomy in nanophthalmos, 575

Neisseria sp.

Neisseria cinerea acute purulent conjunctivitis (letter), 96

The sensitivity of *Neisseria gonorrhoeae*, *Chlamydia trachomatis*, and herpes simplex type II to disinfection with povidone-iodine, 329

Neonates

Bilateral choroidal neonatal neuroblastoma, 445

Neovascularization

Iris neovascularization after central retinal artery obstruction despite previous panretinal photocoagulation for diabetic retinopathy, 464

Spontaneous involution of subfoveal neovascularization, 668

Subretinal neovascularization after operating microscope burn (letter), 224

Treatment of foveal pigment epithelial detachments with contiguous extrafoveal choroidal neovascular membranes, 523

Neuroblastoma

Bilateral choroidal neonatal neuroblastoma, 445

Neuropathy

Cold-induced corneal edema as an isolated feature of trigeminal neuropathy (letter), 484

Optic disk swelling with peripheral neuropathy, organomegaly, endocrinopathy, monoclonal gammopathy, and skin changes (POEMS syndrome), 503

Nevus

HMB-45 antibody reactivity in pigmented lesions of the conjunctiva, 696

Night blindness

Autosomal dominant congenital stationary night blindness and normal fundus with an electro-negative electroretinogram, 44

Nodule

Subepidermal calcified nodules of the eyelid, 85

Norepinephrine

Effects and interactions of epinephrine, norepinephrine, timolol, and betaxolol on outflow facility in the cynomolgus monkey, 189; correction, 499

O**Obituaries**

Fraser, Ian Comyn 1902-1990 (BROWN, I. A. R.), 618

Harrington, David Oliver 1904-1990 (SPENCER, W. H.), 752

Scheie, Harold G. 1909-1990 (NEWELL, F. W.), 753

Oblique muscle

Combined superior oblique paresis and Brown's syndrome after blepharoplasty (letter), 347

Open-angle glaucoma

Changes in the extracellular matrix of the human optic nerve head in primary open-angle glaucoma, 180

Ophthalmomyiasis

Intracorneal ophthalmomyiasis (letter), 741

Ophthalmomyiasis in an eyelid reconstruction (letter), 101

Optic disk

Helicoid peripapillary chorioretinal degeneration, 290

Late developing lesions in birdshot retinochoroidopathy, 204

Optic disk swelling with peripheral neuropathy, organomegaly, endocrinopathy, monoclonal gammopathy, and skin changes (POEMS syndrome), 503

Optic nerve

Changes in the extracellular matrix of the human optic nerve head in primary open-angle glaucoma, 180

Contact B-scan echography in the assessment of optic nerve cupping, 55

Optic neuropathy

Corticosteroid-responsive traumatic optic neuropathy (letter), 99

Spontaneous visual recovery from traumatic optic neuropathy after blunt head injury, 430

Orbit

Cryoprecipitated fibrinogen (fibrin glue) in orbital surgery (letter), 227

Orbital myositis with Lyme disease, 13

Spontaneous orbital hemorrhage associated with idiopathic inflammatory pseudotumor (letter), 103

Osteoma

Bilateral choroidal osteoma in three siblings, 656

Outflow facility

Effects and interactions of epinephrine, norepinephrine, timolol, and betaxolol on outflow facility in the cynomolgus monkey, 189; correction, 499

P**Papilledema**

Progressive visual field defects in patients with intracranial arteriovenous malformations, 556

Parasite

Electron microscopic evidence of acarine infestation of the eyelid margin (letter), 239

Pars plana vitrectomy

Pars plana vitrectomy in the management of dislocated posterior chamber lenses (correspondence), 362

Pellucid marginal degeneration

Superior corneal thinning with pellucid marginal corneal degeneration (letter), 486

Penetrating keratoplasty

Herpes simplex virus and persistent epithelial defects after penetrating keratoplasty (letter), 95

Indications for and outcomes of repeat penetrating keratoplasty, 689

Intracameral tissue plasminogen activator for treatment of excessive fibrin response after penetrating keratoplasty (letter), 483

Penetrating keratoplasty after scleral patch graft (letter), 739

Penetrating keratoplasty for keratoconus in Down's syndrome, 143

Recurrence of posterior polymorphous corneal dystrophy after penetrating keratoplasty, 323; correction, 622

Retinal detachment in penetrating keratoplasty patients, 148

Penicillin

Listeria monocytogenes keratitis, 334

Perimetry

Automated perimetry, tonometry, and questionnaire in glaucoma screening (correspondence), 362

Perspectives

Competition and ophthalmology, 340

Mitochondria and Leber's hereditary optic neuropathy, 726

The oversupply of ophthalmic practitioners, 593

Phenylephrine

Ciliary vasoconstriction after topical adrenergic drugs, 511

Photocoagulation

Comparison of transcleral neodymium:YAG cyclophotocoagulation with and without a contact lens in human autopsy eyes, 174

Comparison of xenon arc and argon laser photocoagulation in the treatment of choroidal melanomas, 647

Iris neovascularization after central retinal artery obstruction despite previous panretinal photocoagulation for diabetic retinopathy, 464

Presumed small choroidal melanomas with serous macular detachments with and without surface laser photocoagulation treatment, 259

Treatment of foveal pigment epithelial detachments with contiguous extrafoveal choroidal neovascular membranes, 523

Pigment dispersion syndrome

Combined exfoliation and pigment dispersion syndrome, 530

Inhibition of exercise-induced pigment dispersion in a patient with the pigmentary dispersion syndrome (letter), 601

Pigmentary glaucoma in the black population, 518

Pilocarpine

Inhibition of exercise-induced pigment dispersion in a patient with the pigmentary dispersion syndrome (letter), 601

Timolol-pilocarpine combined vs timolol and pilocarpine given separately (correspondence), 111

POEMS syndrome

Optic disk swelling with peripheral neuropathy, organomegaly, endocrinopathy, monoclonal gammopathy, and skin changes (POEMS syndrome), 503

Posterior chamber

A technique for fixing posterior chamber intraocular lenses to the iris through a corneoscleral incision (letter), 488

Preretinal membrane

Class II antigen expression in diabetic preretinal membranes, 70

Progesterone

Estrogen and progesterone receptors and human conjunctiva, 474

Propionibacterium sp.

Propionibacterium acnes endophthalmitis two years after extracapsular cataract extraction (letter), 609

Pseudomonas sp.

Granular epithelial keratopathy as an unusual manifestation of *Pseudomonas* keratitis associated with extended-wear soft contact lenses, 17

Infectious crystalline keratopathy caused by *Mycobacterium fortuitum* and *Pseudomonas aeruginosa* (letter), 738

Pupil

Bilateral paralimbal scleromalacia perforans (letter), 233

The effect of light intensity on measurement of the relative afferent pupillary defect (letter), 481

Fatigue-induced familial anisocoria (letter), 480

Intermittent pupillary dilatation associated with astrocytoma (letter), 237

Tonic pupils as a result of botulism (letter), 236

R**Radiation therapy**

Cobalt-60 plaque radiotherapy vs enucleation for posterior uveal melanoma, 585

Rectus muscle

The medial rectus muscle insertion site in infantile esotropia, 79

Retina

Age-related macular changes in humans over 90 years old, 265

Anatomy of arteriovenous crossings in branch retinal vein occlusion, 298

Branch retinal artery occlusion after platelet transfusion (letter), 105

Correlation of visual function and retinal leukocyte velocity in glaucoma, 49

Helicoid peripapillary chorioretinal degeneration, 290

Iris neovascularization after central retinal artery obstruction despite previous panretinal photocoagulation for diabetic retinopathy, 464

Laser treatment of the retinal periphery with the +90-diopter lens (letter), 107

Macroaneurysms associated with retinal branch vein occlusion, 567

Observations concerning patients with suspected impending macular holes, 638

Peripheral retinal angiomalike lesion and macular pucker (correspondence), 244

Presumed small choroidal melanomas with serous macular detachments with and without surface laser photocoagulation treatment, 259

Refinements in microinstrumentation for vitreous surgery, 218

Safety of fluorescein angiography during pregnancy, 563

A simple device to standardize measurements of retinal structures in fundus photographs and retinal angiograms (letter), 107

Subretinal endolaser treatment of a choroidal bleeding site (letter), 742

Subretinal neovascularization after operating microscope burn (letter), 224

Superficial retinal refractile deposits in juxtafoveal telangiectasis (letter), 604

- Twin vessels in familial retinal cavernous hemangioma, 285
- Retinal detachment**
 Cyanoacrylate tissue adhesive in the management of recurrent retinal detachment caused by macular hole, 28
 Cyanoacrylate tissue adhesive in the management of recurrent retinal detachment caused by macular hole (correspondence), 616
 Retinal detachment in penetrating keratoplasty patients, 148
- Retinal pigment epithelium**
 Helicoid peripapillary chorioretinal degeneration, 290
 Spontaneous involution of subfoveal neovascularization, 668
 Treatment of foveal pigment epithelial detachments with contiguous extrafoveal choroidal neovascular membranes, 523
- Retinoblastoma**
 Retinoblastoma associated with holoprosencephaly (letter), 355
- Retinochoroiditis**
 Serologic tests in the diagnosis of presumed toxoplasmic retinochoroiditis, 407
- Retinopathy**
 The pattern electroretinogram in diabetes, 279
- Rod**
 Patterns of rod and cone dysfunction in Bardet-Biedl syndrome, 676
- S**
- Saccades**
 Ocular flutter in vidarabine toxicity (letter), 105
- Sarcoidosis**
 Presumed sarcoid choroidopathy mimicking birdshot retinochoroidopathy (letter), 357
- Sclera**
 Acute scleritis in porphyria cutanea tarda, 400
 Bilateral paralimbal scleromalacia perforans (letter), 233
 A gas-permeable scleral contact lens for visual rehabilitation, 318
 Penetrating keratoplasty after scleral patch graft (letter), 739
 Tight scleral flap trabeculectomy with postoperative laser suture lysis, 303
 Unusual mucopolysaccharide disorder with corneal and scleral involvement, 544
- Scleritis**
 Acute scleritis in porphyria cutanea tarda, 400
 Necrotizing scleritis secondary to conjunctival squamous cell carcinoma in acquired immunodeficiency syndrome (letter), 231
- Sclerotomy**
 Laser and unsutured sclerotomy in nanophthalmos, 575
- Sebaceous gland**
 IgA and complement immunofluorescent pattern in sebaceous gland carcinoma of the eyelid (letter), 353
- Squamous cell carcinoma**
 Necrotizing scleritis secondary to conjunctival squamous cell carcinoma in acquired immunodeficiency syndrome (letter), 231
- Strabismus**
 Acute infantile leukocoria (letter), 612
 Peribulbar anesthesia for strabismus surgery, 705
- Stroma**
 Unusual mucopolysaccharide disorder with corneal and scleral involvement, 544
- Subretinal fluid**
 A new instrument for ab interno drainage of subretinal fluid (letter), 360
- Suture**
 Tight scleral flap trabeculectomy with postoperative laser suture lysis, 303
- Symblepharon**
 Episcleritis and symblepharon associated with Lyme keratitis (letter), 487
- T**
- Telangiectasis**
 Superficial retinal refractile deposits in juxtafoveal telangiectasis (letter), 604
- Thrombocytopenia**
 Bleeding complications in thrombocytopenic patients undergoing ophthalmic surgery (letter), 482
- Timolol**
 Ciliary vasoconstriction after topical adrenergic drugs, 511
 Effects and interactions of epinephrine, norepinephrine, timolol, and betaxolol on outflow facility in the cynomolgus monkey, 189; correction, 499
 Timolol-pilocarpine combined vs timolol and pilocarpine given separately (correspondence), 111
- Tissue Plasminogen Activator**
 Dilution and storage of recombinant tissue plasminogen activator (Activase) in balanced salt solutions (letter), 98
 Intracameral tissue plasminogen activator for treatment of excessive fibrin response after penetrating keratoplasty (letter), 483
 Low-dose intraocular tissue plasminogen activator for treatment of postvitrectomy fibrin formation (letter), 606
- Tonometry**
 Automated perimetry, tonometry, and questionnaire in glaucoma screening (correspondence), 362
 Evaluation of the Tono-Pen and the Pulsair tonometers, 716

The influence of residual methylcellulose solution on Tono-Pen readings (letter), 602

Tono-Pen

Evaluation of the Tono-Pen and the Pulsair tonometers, 716

The influence of residual methylcellulose solution on Tono-Pen readings (letter), 602

Intraocular pressure measurement with the Tono-Pen through soft contact lenses, 62

Toxoplasma sp.

Serologic tests in the diagnosis of presumed toxoplasmic retinochoroiditis, 407

Toxoplasmosis

Serologic tests in the diagnosis of presumed toxoplasmic retinochoroiditis, 407

Trabeculectomy

Primate trabeculectomies with 5-fluorouracil collagen implants, 721

Repair of a leaking bleb with fibrin glue (letter), 599

Tight scleral flap trabeculectomy with postoperative laser suture lysis, 303

Trabeculectomy with 5-fluorouracil for adult inflammatory glaucoma, 168

Traumatic rupture of the globe after glaucoma surgery (letter), 732

Trabeculoplasty

The influence of residual methylcellulose solution on Tono-Pen readings (letter), 602

Trichomegaly

Cyclosporine-induced trichomegaly (letter), 239

Trifluridine

Severe ocular anterior segment ischemia after long-term trifluridine treatment for presumed herpetic keratitis (letter), 346

Trisomy 18

Microphthalmos with cyst and Edwards' syndrome (letter), 228

Tumor

Comparison of xenon arc and argon laser photocoagulation in the treatment of choroidal melanomas, 647

Invasive conjunctival tumor with keratoacanthoma features (letter), 736

U

Uvea

Cobalt-60 plaque radiotherapy vs enucleation for posterior uveal melanoma, 585

Uveitis

Immunohistochemical analysis of iris biopsy specimens from patients with Fuchs' heterochromic cyclitis, 394

Late developing lesions in birdshot retinochoroidopathy, 204

Presumed sarcoid choroidopathy mimicking birdshot retinochoroidopathy (letter), 357

V

Vein occlusion

Anatomy of arteriovenous crossings in branch retinal vein occlusion, 298

Macroaneurysms associated with retinal branch vein occlusion, 567

Vidarabine

Ocular flutter in vidarabine toxicity (letter), 105

Visual acuity

A computer model for the evaluation of the effect of corneal topography on optical performance, 379

Corneal topography of patients with excellent Snellen visual acuity after epikeratophakia for aphakia, 162

Factors prognostic of visual outcome in patients with subretinal hemorrhage, 33

Visual field

Correlation of visual function and retinal leukocyte velocity in glaucoma, 49

Glaucomalike disks without increased intraocular pressure or visual field loss (correspondence), 361

Horizontal homonymous sectoral field defect after ischemic infarction of the occipital cortex (letter), 234

Progressive visual field defects in patients with intracranial arteriovenous malformations, 556

Test-retest variability in glaucomatous visual fields (correspondence), 109

Visual function improvement in patients with macroprolactinomas treated with bromocriptine, 535

Vitamin

Persistent hyperplastic primary vitreous associated with protein C deficiency (letter), 608

Vitrectomy

Clinical and histologic effects of extreme intraocular hypothermia, 469

Dilution and storage of recombinant tissue plasminogen activator (Activase) in balanced salt solutions (letter), 98

Low-dose intraocular tissue plasminogen activator for treatment of postvitrectomy fibrin formation (letter), 606

A new instrument for ab interno drainage of subretinal fluid (letter), 360

Pars plana vitrectomy in the management of dislocated posterior chamber lenses (correspondence), 362

Refinements in microinstrumentation for vitreous surgery, 218

Risk factors for postvitrectomy fibrin formation, 661

Shadow- and reflex-free use of combined fiberoptic manipulators and illuminators in vitreous surgery (letter), 358

Vitreous

Myopia induced by vitreous hemorrhage, 199

Persistent hyperplastic primary vitreous associated with protein C deficiency (letter), 608

Posterior vitreous cyst, 295

Refinements in microinstrumentation for vitreous surgery, 218

Vogt-Koyanagi-Harada syndrome

Linear streak lesions of the fundus equator associated with Vogt-Koyanagi-Harada syndrome (letter), 745

AUTHOR INDEX

A

- ABBOUD, E.: See GUTERMAN, C., 228
 ABRAMS, G. W.: See JAFFE, G. J., 661
 ABRAMS, G. W.: See MURRAY, T. G., 362
 ABRAMS, G. W.: See WILLIAMS, D. F., 606
 ADÁN, A., GODAY, A., FERRER, J., and CABOT, J.:
 Diabetic retinopathy associated with acquired
 immunodeficiency syndrome (letter), 744
 AKIBA, J.: See ARZABE, C. W., 107
 ALBERT, D. M.: See BORUCHOFF, S. A., 622
 ALHALEL, A.: See BARTOV, E., 748
 ALLINSON, R. W.: See SNYDER, R. W., 483
 ALWARD, W. L. M.: Laser Microsurgery of Glaucoma,
 by Buratto, L., Ricci, A., and Vitali, D. (book
 review), 493
 ALWARD, W. L. M.: See HAYNES, W. L., 601
 ANDERSON, D. R.: See JIN, J. C., 575
 ANDRZEJEWSKA, W. M.: See HERNANDEZ, M. R.,
 180
 APÁTHY, P. P.: See JACOBSON, S. G., 676
 ARENTSEN, J. J.: See RAPUANO, C. J., 689
 ARMSTRONG, T. A.: Evaluation of the Tono-Pen and
 the Pulsair tonometers, 716
 ARZABE, C. W., JALKH, A. E., FARIZA, E., AKIBA, J.,
 and QUIROZ, M. A.: A simple device to stan-
 dardize measurements of retinal structures in
 fundus photographs and retinal angiograms
 (letter), 107
 ASHKENAZI, I.: See MELAMED, S., 303
 ATHERTON, S.: See MCLEISH, W., 93
 AU, Y.-K., REYNOLDS, M. D., RAMBIN, E. D., and
 MAHJOUB, S. B.: *Neisseria cinerea* acute puru-
 lent conjunctivitis (letter), 96
 AUGSBURGER, J. J., GAMEL, J. W., LAURITZEN, K.,
 and BRADY, L. W.: Cobalt-60 plaque radiother-
 apy vs enucleation for posterior uveal melano-
 ma, 585
 AZUMA, N.: See HIRAKATA, K., 225

B

- BAARSMA, G. S.: See MURRAY, P. I., 394
 BACON, D. R.: See VAN BUSKIRK, E. M., 511
 BAJART, A. M.: See HEMADY, R. K., 735
 BAKER, J. D.: See KEECH, R. V., 79
 BALL, S. F.: See SEMPLE, H. C., 518
 BARONDES, M. J.: See PAULEIKHOFF, D., 38
 BARTLEY, G. B.: Lacrimal drainage anomalies in man-
 dibulofacial dysostosis, 571
 BARTLEY, G. B., and GUSTAFSON, R. O.: Complica-
 tions of malpositioned Jones tubes, 66

- BARTLEY, G. B., and McCAFFREY, T. V.: Cryoprecip-
 itated fibrinogen (fibrin glue) in orbital surgery
 (letter), 227
 BARTLEY, G. B.: See WEAVER, D. T., 239
 BARTOV, E., ALHALEL, A., SPIERER, A., and TREIS-
 TER, G.: Reply to WESSELS, I. F.: Indirect view-
 ing of the periphery of the ocular fundus
 through a plane mirror—correction (corre-
 spondence), 748
 BARTOV, E., and TREISTER, G.: Laser treatment of the
 retinal periphery with the +90-diopter lens
 (letter), 107
 BARTOV, E.: See MOISSEIEV, J., 604
 BAUDOUIN, C., GORDON, W. C., FREDJ-REYGRÖ-
 BELLET, D., BAUDOUIN, F., PEYMAN, G.,
 GASTAUD, P., and BAZAN, N. G.: Class II anti-
 gen expression in diabetic preretinal mem-
 branes, 70
 BAUDOUIN, F.: See BAUDOUIN, C., 70
 BAWDON, R. E.: See SCHWARTZ, S. D., 701
 BAZAN, N. G.: See BAUDOUIN, C., 70
 BENEVENTO, W. J., MURRAY, P., REED, C. A., and
 PEPOSE, J. S.: The sensitivity of *Neisseria gon-*
orrhoeae, *Chlamydia trachomatis*, and herpes sim-
 plex type II to disinfection with povidone-
 iodine, 329
 BENNER, J. D., PRESLAN, M. W., GRATZ, E., JOS-
 LYN, J., SCHWARTZ, M., and KELMAN, S.:
 Septo-optic dysplasia in two siblings, 632
 BENNETT, S. R., FOLK, J. C., BLODI, C. F., and KLUG-
 MAN, M.: Factors prognostic of visual outcome
 in patients with subretinal hemorrhage, 33
 BENNETT, S. R.: See MILLER-MEEKS, M. J., 199
 BENNETT, S. R.: See WILLIAMS, D. F., 606
 BENSON, W. E.: See MAGUIRE, J. I., 523
 BENSON, W. E.: See VANDER, J. F., 464
 BERREEN, J. P., VRABEC, M. P., and PENAR, P. L.:
 Intermittent pupillary dilatation associated
 with astrocytoma (letter), 237
 BERSON, E. L.: See MANNING, F. J., 457
 BEYER, C. F., BYRD, T. J., HILL, J. M., and KAUF-
 MAN, H. E.: Herpes simplex virus and persis-
 tent epithelial defects after penetrating kerato-
 plasty (letter), 95
 BIRD, A. C.: See PAULEIKHOFF, D., 38, 211
 BLASINI, M.: See SIMMONS, R. B., 174
 BLODI, C. F.: Microsurgery of Retinal Detachment, by
 Bonnet, M. (book review), 617
 BLODI, C. F.: See BENNETT, S. R., 33
 BLODI, C. F.: See MILLER-MEEKS, M. J., 199
 BLUMENTHAL, M.: See MELAMED, S., 303
 BOGHEN, D.: See LESSER, R. L., 535
 BOKOBZA, R.: See SOUBRANE, G., 204

- BOLLING, J. P., and BRAZIS, P. W.: Optic disk swelling with peripheral neuropathy, organomegaly, endocrinopathy, monoclonal gammopathy, and skin changes (POEMS syndrome), 503
- BOOTHE, W. A.: See PANEK, W. C., 62
- BORRUAT, F.-X.: See JACOBSON, S. G., 676
- BORUCHOFF, S. A., WEINER, M. J., and ALBERT, D. M.: Recurrence of posterior polymorphous corneal dystrophy after penetrating keratoplasty, 323; correction, 622
- BOSNIAK, S. L., and SCHILLER, J. D.: Ophthalmomyiasis in an eyelid reconstruction (letter), 101
- BOTTONI, F., CANEVINI, M. P., CANGER, R., and ORZALESI, N.: Twin vessels in familial retinal cavernous hemangioma, 285
- BOURNE, W. M.: See SHEARER, D. R., 346
- BOVINO, J. A., and MARCUS, D. F.: Cyanoacrylate tissue adhesive in the management of recurrent retinal detachment caused by macular hole (correspondence), 616
- BRADY, L. W.: See AUGSBURGER, J. J., 585
- BRADY, S. E.: See RAPUANO, C. J., 689
- BRAZIS, P. W.: See BOLLING, J. P., 503
- BRAZITIKOS, P. D., and SAFRAN, A. B.: Helicoid peripapillary chorioretinal degeneration, 290
- BROD, R. D.: Presumed sarcoid choroidopathy mimicking birdshot retinochoroidopathy (letter), 357
- BRODSKY, M. C., KEPPEL, L. D., RICE, C. D., and RANELLIS, J. D.: Ocular and systemic findings in the Aarskog (facial-digital-genital) syndrome, 450
- BROWN, G. C.: See MAGUIRE, J. I., 523
- BROWN, G. C.: See VANDER, J. F., 464
- BROWN, I. A. R.: Fraser, Ian Comyn 1902-1990 (obituary), 618
- BRUCE, A. M.: See MANNING, F. J., 457
- BUCKLEY, E. G.: See TOWNSHEND, L. M., 102
- BUETTNER, H.: Varix of the vortex ampulla simulating a choroidal melanoma (letter), 607
- BURDE, R. M.: See KASHII, S., 556
- BURNS, R. P.: See FEENEY-BURNS, L., 265
- BYRD, T. J.: See BEYER, C. F., 95
- BYRNE, S. F.: See DARNLEY-FISCH, D. A., 55
- C**
- CABOT, J.: See ADÁN, A., 744
- CADERA, W.: See RO, A., 75
- CAMERON, B. M.: See CAMP, J. J., 379
- CAMERON, J. A., and MAHMOOD, M. A.: Superior corneal thinning with pellucid marginal corneal degeneration (letter), 486
- CAMP, J. J., MAGUIRE, L. J., CAMERON, B. M., and ROBB, R. A.: A computer model for the evaluation of the effect of corneal topography on optical performance, 379
- CAMPBELL, P.: See ENGLISH, F. P., 239
- CAMPO, R. V., CHUNG, K. D., and OYAKAWA, R. T.: Reply to MURRAY, T. G., ABRAMS, G. W., and STANLEY, J.: Pars plana vitrectomy in the management of dislocated posterior chamber lenses (correspondence), 362
- CAMPOCHIARO, P. A., MORGAN, K. M., CONWAY, B. P., and STATHOS, J.: Spontaneous involution of subfoveal neovascularization, 668
- CANEVINI, M. P.: See BOTTONI, F., 285
- CANGER, R.: See BOTTONI, F., 285
- CARR, R. E.: See NOBLE, K. G., 44
- CASE, W. F.: See CIBIS, G. W., 445
- CATALANO, R. A.: See CHENG, M. M. P., 480
- CHADARON, W.: See VAN METER, W. S., 739
- CHAN, C. C.: See DE SMET, M. D., 240
- CHANDLER, D.: See ZILIS, J. D., 469
- CHANSUE, E.: See VAN METER, W. S., 739
- CHEN, J. C.: See PAULEIKHOFF, D., 211
- CHEN, Y. F., GEBHARDT, B. M., REIDY, J. J., and KAUFMAN, H. E.: Cyclosporine-containing collagen shields suppress corneal allograft rejection, 132
- CHENG, M. M. P., and CATALANO, R. A.: Fatigue-induced familial anisocoria (letter), 480
- CHERNOFF, G.: See RO, A., 75
- CHISHOLM, I. H.: See PAULEIKHOFF, D., 38, 211
- CHRISTIANSEN, S. P., SMITH, T. J., and HENSLEEDOWNEY, P. J.: Normal intraocular pressure after a bone marrow transplant in glaucoma associated with mucopolysaccharidosis type I-H (letter), 230
- CHU, H.-H.: See PRAGER, T. C., 279
- CHUNG, K. D.: See CAMPO, R. V., 362
- CHUNG, Y.-M., and YEH, T.-S.: Linear streak lesions of the fundus equator associated with Vogt-Koyanagi-Harada syndrome (letter), 745
- CIBIS, G. W.: Clinical Anatomy of the Eye, by Snell, R., and Lemp, M. A. (book review), 112
- CIBIS, G. W., FREEMAN, A. I., PANG, V., ROLOSON, G. J., CASE, W. F., OST, M., HUNTRAKOON, M., and ROTHBERG, P. G.: Bilateral choroidal neonatal neuroblastoma, 445
- CLARKSON, J. G.: See COUSINS, S. W., 567
- COHEN, E. J.: See RAPUANO, C. J., 689
- CONAHAN, J. B.: See HERMSEN, V. M., 608
- CONWAY, B. P.: See CAMPOCHIARO, P. A., 668
- CORRENT, G. F.: See ROSENFELD, S. I., 17
- COSCAS, G.: See HALPERIN, L. S., 563
- COSCAS, G.: See SOUBRANE, G., 204
- COUCH, J.: See KLEIN, B., 127
- COUDRON, P.: See ZAIDMAN, G. W., 334
- COUSINS, S. W., FLYNN, H. W., JR., and CLARKSON, J. G.: Macroaneurysms associated with retinal branch vein occlusion, 567
- CROSSWELL, H. H., JR.: See MADER, T. H., 233
- CROUSE, C.: See MCLEISH, W., 93
- CULBERTSON, W. W.: See ROSENFELD, S. I., 17
- CUNNINGHAM, R. D.: See HERMSEN, V. M., 608

D

- DABBS, C. K.: See LEONARDY, N. J., 224
- DARNLEY-FISCH, D. A., BYRNE, S. F., HUGHES, J. R., PARRISH, R. K., II, and FEUER, W. J.: Contact B-scan echography in the assessment of optic nerve cupping, 55
- DE COURTEN, C., and FAGGIONI, R.: Acute infantile leukocoria (letter), 612
- DE JONG, P. T. V. M.: See MURRAY, P. I., 394
- DE JUAN, E., JR., and HICKINGBOTHAM, D.: Refinements in microinstrumentation for vitreous surgery, 218
- DEL PERO, R. A., GIGSTAD, J. E., ROBERTS, A. D., KLINTWORTH, G. K., MARTIN, C. A., L'ESPERANCE, F. A., JR., and TAYLOR, D. M.: A refractive and histopathologic study of excimer laser keratectomy in primates, 419
- DENT, G.: See LEONARDY, N. J., 436
- DEPAUL, K. L.: See SPONSEL, W. E., 49
- DESAI, V. N., SHIELDS, C. L., SHIELDS, J. A., DONOSO, L. A., and WAGNER, R. S.: Retinoblastoma associated with holoprosencephaly (letter), 355
- DE SMET, M. D., CHAN, C. C., NUSSENBLATT, R. B., and PALESTINE, A. G.: *Capnocytophaga canimorsus* as the cause of a chronic corneal infection (letter), 240
- DEUTSCH, J. A.: See SANDERS, R. J., 705
- DE VRIES, J.: See MURRAY, P. I., 394
- DODWELL, D. G.: See WEINBERG, D., 298
- DONNENFELD, E. D.: See PERRY, H. D., 741
- DONOSO, L. A.: See DESAI, V. N., 355
- DOUGLAS, C. H.: See EIFERMAN, R. A., 356
- DUANGRATANA, S.: See VAN METER, W. S., 739
- DUCHARME, C.: See SCHEIN, O. D., 318
- DUNN, S. H.: See HOLEC-IWASKO, S., 602

E

- EIFERMAN, R. A., FLAHERTY, K. T., and RIVARD, A. K.: Persistent corneal defect caused by *Listeria monocytogenes* (letter), 97
- EIFERMAN, R. A., GOSSMAN, M. D., O'NEILL, K., and DOUGLAS, C. H.: Floppy eyelid syndrome in a child (letter), 356
- EL AZAZI, M., MALM, G., and FORSGREN, M.: Late ophthalmologic manifestations of neonatal herpes simplex virus infection, 1
- ENGLISH, F. P., ZHANG, G. W., MCMANUS, D. P., and CAMPBELL, P.: Electron microscopic evidence of acarine infestation of the eyelid margin (letter), 239
- ENGSTROM, R. E., JR., HOLLAND, G. N., HARDY, W. D., and MEISELMAN, H. J.: Hemorrhagic abnormalities in patients with human immunodeficiency virus infection and ophthalmic microvasculopathy, 153
- ENGSTROM, R. E., JR.: See SCHWARTZ, S. D., 701
- ERICKSON, P. J.: See SIMMONS, R. B., 174
- ERIE, J. C.: Acquired Brown's syndrome after peribulbar anesthesia (letter), 349
- ERIE, J. C., ROBERTSON, D. M., and MIELER, W. F.: Presumed small choroidal melanomas with serous macular detachments with and without surface laser photocoagulation treatment, 259
- ERNEST, J. T.: See NEELY, K. A., 347

F

- FAGGIONI, R.: See DE COURTEN, C., 612
- FAHRENBACH, W. H.: See VAN BUSKIRK, E. M., 511
- FARIZA, E.: See ARZABE, C. W., 107
- FEENEY-BURNS, L., BURNS, R. P., and GAO, C.-L.: Age-related macular changes in humans over 90 years old, 265
- FELDON, S. E.: Developments in Ophthalmology, vol. 20. Graves' Ophthalmopathy. Developments on Diagnostic Methods and Therapeutic Procedures, by Pickardt, C. R., and Boergen, K. P. (eds.) (book review), 365
- FERN, S. A.: See WEINBERG, D., 298
- FERRER, J.: See ADÁN, A., 744
- FERRY, A. P.: Subepidermal calcified nodules of the eyelid, 85
- FEUER, W. J.: See DARNLEY-FISCH, D. A., 55
- FINE, S. L.: See MOISSEIEV, J., 604
- FLAHERTY, K. T.: See EIFERMAN, R. A., 97
- FLUOROURACIL FILTERING SURGERY STUDY GROUP, THE: Reply to FOURMAN, S., FRANKS, W., and HITCHINGS, R.: Fluorouracil filtering surgery study one-year follow-up (correspondence), 614
- FLYNN, H. W., JR.: See COUSINS, S. W., 567
- FOLK, J. C.: See BENNETT, S. R., 33
- FONT, R. L.: See PERRY, H. D., 741
- FONT, R. L.: See WINTERBOTHAM, C. T. C., 544
- FOOS, R. Y.: See GLASGOW, B. J., 696
- FORSGREN, M.: See EL AZAZI, M., 1
- FORTANASCE, V. N.: See FRIEDMAN, D. I., 236
- FOSTER, J. A., LAM, S., JOONDEPH, B. C., and SUGAR, J.: Suprachoroidal dislocation of a posterior chamber intraocular lens (letter), 713
- FOURMAN, S.: Fluorouracil filtering surgery study one-year follow-up (correspondence), 613
- FRANKS, W., and HITCHINGS, R.: Fluorouracil filtering surgery study one-year follow-up (correspondence), 614
- FRANTZ, J. M., INSLEY, M. S., HAGENAH, M., McDONALD, M. B., and KAUFMAN, H. E.: Penetrating keratoplasty for keratoconus in Down's syndrome, 143
- FRAUNFELDER, F. T., and MEYER, S. M.: Posterior subcapsular cataracts associated with nasal or inhalation corticosteroids (letter), 489
- FREDJ-REYGRABELLET, D.: See BAUDOUIN, C., 70
- FREEMAN, A. I.: See CIBIS, G. W., 445
- FRIBERG, T. R., and KUZMA, P. M.: *Propionibacterium acnes* endophthalmitis two years after extracapsular cataract extraction (letter), 609

- FRIEDLAENDER, M. H.: Ocular Microbiology and Immunology Group: 23rd Annual Meeting, 368
- FRIEDMAN, D. I., FORTANASCE, V. N., and SADUN, A. A.: Tonic pupils as a result of botulism (letter), 236
- FRUEH, B. R.: Oculoplastic, Orbital, and Reconstructive Surgery, vol. 2. Orbit and Lacrimal System, by Hornblass, A. (ed.) (book review), 749
- FUNG, W. E.: Extracapsular Cataract Microsurgery and Posterior Chamber Intraocular Lenses, by Buratto, L. (ed.) (book review), 749

G

- GALETTA, S. L.: See GROSSMAN, M., 234
- GAMEL, J. W.: See AUGSBURGER, J. J., 585
- GANS, L. A., LEE, S. F., LEMP, M. A., and PEPOSE, J. S.: Estrogen and progesterone receptors and human conjunctiva, 474
- GAO, C.-L.: See FEENEY-BURNS, L., 265
- GARCIA, C. A.: See PRAGER, T. C., 279
- GASS, J. D. M., and JOONDEPH, B. C.: Observations concerning patients with suspected impending macular holes, 638
- GASTAUD, P.: See BAUDOUIN, C., 70
- GEBHARDT, B. M.: See CHEN, Y. F., 132
- GEYER, O., ROTHKOFF, L., and LAZAR, M.: Timolol-pilocarpine combined vs timolol and pilocarpine given separately (correspondence), 111
- GIGSTAD, J. E.: See DEL PERO, R. A., 419
- GIZZI, M., RUDOLPH, S., and PERAKIS, A.: Ocular flutter in vidarabine toxicity (letter), 105
- GLASGOW, B. J., MCCALL, L. C., and FOOS, R. Y.: HMB-45 antibody reactivity in pigmented lesions of the conjunctiva, 696
- GLATT, H. J.: See STEINSAPIR, K. D., 387
- GLAZER, L. C.: See SHIELDS, J. A., 647
- GLOVINSKI, J.: See MELAMED, S., 303
- GODAY, A.: See ADÁN, A., 744
- GORDON, W. C.: See BAUDOUIN, C., 70
- GOSSMAN, M. D.: See EIFERMAN, R. A., 356
- GOTTLIEB, M.: See JAFFE, G. J., 661
- GOTTLIEB, M. S.: See SHIELDS, J. A., 647
- GOTTSCH, J. D.: See RAPOZA, P. A., 138
- GRANSTRÖM, P.-A.: See SÖDERSTRÖM, M. B., 111
- GRATZ, E.: See BENNER, J. D., 632
- GREVEN, C. M., VAN RENS, E., and SLUSHER, M. M.: Branch retinal artery occlusion after platelet transfusion (letter), 105
- GROSSMAN, M., GALETTA, S. L., NICHOLS, C. W., and GROSSMAN, R. I.: Horizontal homonymous sectoral field defect after ischemic infarction of the occipital cortex (letter), 234
- GROSSMAN, R. I.: See GROSSMAN, M., 234
- GROSSNIKLAUS, H. E.: Intraocular Lenses. Evolution, Designs, Complications, and Pathology, by Apple, D. J., Mamalis, N., Olson, R. J., and Kincaid, M. C. (book review), 112
- GROSSNIKLAUS, H. E., MARTIN, D. F., and SOLOMON, A. R.: Invasive conjunctival tumor with keratoacanthoma features (letter), 736
- GROSSNIKLAUS, H. E., SWERLICK, R. A., and SOLOMON, A. R.: IgA and complement immunofluorescent pattern in sebaceous gland carcinoma of the eyelid (letter), 353
- GUSSLER, J. R.: See VAN METER, W. S., 739
- GUSTAFSON, R. O.: See BARTLEY, G. B., 66
- GUTERMAN, C., ABOUD, E., and METS, M. B.: Microphthalmos with cyst and Edwards' syndrome (letter), 228

H

- HAGENAH, M.: See FRANTZ, J. M., 143
- HAGERTY, C. M.: See LEE, S. F., 8
- HALPERIN, L. S., OLK, R. J., SOUBRANE, G., and COSCAS, G.: Safety of fluorescein angiography during pregnancy, 563
- HALPERIN, L. S.: See THOMAS, M. A., 742
- HAN, D. P.: See JAFFE, G. J., 661
- HAN, D. P.: See WILLIAMS, D. F., 606
- HARDY, W. D.: See ENGSTROM, R. E., Jr., 153
- HARRISON, S. A.: See SCHWARTZ, S. D., 701
- HARTZ, A.: See JAFFE, G. J., 661
- HASTY, B., HEUER, D. K., and MINCKLER, D. S.: Primate trabeculectomies with 5-fluorouracil collagen implants, 721
- HAY, A., OLSEN, K. R., and NICHOLSON, D. H.: Bleeding complications in thrombocytopenic patients undergoing ophthalmic surgery (letter), 482
- HAYNES, W. L., JOHNSON, A. T., and ALWARD, W. L. M.: Inhibition of exercise-induced pigment dispersion in a patient with the pigmentary dispersion syndrome (letter), 601
- HEIJL, A., LINDGREN, A., and LINDGREN, G.: Reply to PILTZ, J. R.: Test-retest variability in glaucomatous visual fields (correspondence), 110
- HEMADY, R. K., BAJART, A. M., and WAGONER, M. D.: Interface abscess after epikeratoplasty (letter), 735
- HENSLEE-DOWNEY, P. J.: See CHRISTIANSEN, S. P., 230
- HERMAN, D. C.: See WEAVER, D. T., 490
- HERMSEN, V. M., CONAHAN, J. B., KOOPS, B. L., and CUNNINGHAM, R. D.: Persistent hyperplastic primary vitreous associated with protein C deficiency (letter), 608
- HERNANDEZ, M. R., ANDRZEJEWSKA, W. M., and NEUFELD, A. H.: Changes in the extracellular matrix of the human optic nerve head in primary open-angle glaucoma, 180
- HEUER, D. K.: See HASTY, B., 721
- HICKINGBOTHAM, D.: See DE JUAN, E., Jr., 218
- HIDA, T.: See SHETA, S. M., 28, 616
- HILL, E. L.: See MCLEISH, W., 93
- HILL, J. M.: See BEYER, C. F., 95

- HIRAKATA, K., OSHIMA, T., and AZUMA, Y.: Chorioretinitis induced by Coxsackievirus B4 infection (letter), 225
- HITCHINGS, R.: See FRANKS, W., 614
- HOFELDT, A. J.: See WEISS, M. J., 407
- HOLEC-IWASKO, S., SHIN, D. H., PARROW, K. A., TSAI, C. S., WILKINSON, M. J., and DUNN, S. H.: The influence of residual methylcellulose solution on Tono-Pen readings (letter), 602
- HOLLAND, G. N.: See ENGSTROM, R. E., JR., 153
- HOMMURA, S.: See ISHIBASHI, Y., 121
- HORWITZ, A. L.: See WINTERBOTHAM, C. T. C., 544
- HOWES, E. L., JR.: See KIM, R. Y., 231
- HU, F.-R.: Infectious crystalline keratopathy caused by *Mycobacterium fortuitum* and *Pseudomonas aeruginosa* (letter), 738
- HUGHES, J. R.: See DARNLEY-FISCH, D. A., 55
- HUNTRAKOON, M.: See CIBIS, G. W., 445
- HWANG, D. G., WARD, D. E., TROUSDALE, M. D., and SMITH, R. E.: Human immunodeficiency virus seroprevalence among potential corneal donors from medical examiner cases (letter), 92

I

- IMMONEN, I.: See LAATIKAINEN, L., 244
- INSLER, M. S.: See FRANTZ, J. M., 143
- ISHIBASHI, Y., MATSUMOTO, Y., KABATA, T., WATANABE, R., HOMMURA, S., YASURAOKA, K., and ISHII, K.: Oral itraconazole and topical miconazole with debridement for *Acanthamoeba* keratitis, 121
- ISHII, K.: See ISHIBASHI, Y., 121

J

- JABS, D. A.: See JAMPEL, H. D., 168
- JACOBSON, D. M., WILLIS, R. M., and WEINSTEIN, J. M.: Cold-induced corneal edema as an isolated feature of trigeminal neuropathy (letter), 484
- JACOBSON, S. G., BORRUAT, F.-X., and APÁTHY, P.: Patterns of rod and cone dysfunction in Bardet-Biedl syndrome, 676
- JAFFE, G. J., SCHWARTZ, D., HAN, D. P., GOTTLIEB, M., HARTZ, A., MCCARTY, D., MIELER, W. F., and ABRAMS, G. W.: Risk factors for postvitrectomy fibrin formation, 661
- JAFFE, G. J.: See WILLIAMS, D. F., 606
- JALKH, A. E.: See ARZABE, C. W., 107
- JAMPEL, H. D., JABS, D. A., and QUIGLEY, H. A.: Trabeculectomy with 5-fluorouracil for adult inflammatory glaucoma, 168
- JIN, J. C., and ANDERSON, D. R.: Laser and unsutured sclerotomy in nanophthalmos, 575
- JOHNSON, A. T.: See HAYNES, W. L., 601
- JOHNSON, L. N.: The effect of light intensity on measurement of the relative afferent pupillary defect (letter), 481
- JOONDEPH, B. C.: See FOSTER, J. A., 713

- JOONDEPH, B. C.: See GASS, J. D. M., 638
- JOSLYN, J.: See BENNER, J. D., 632

K

- KABATA, T.: See ISHIBASHI, Y., 121
- KAJIWARA, K.: Repair of a leaking bleb with fibrin glue (letter), 599
- KALENAK, J. W.: Glaucomalike disks without increased intraocular pressure or visual field loss (correspondence), 361
- KAPLAN, H. J.: See STERNBERG, P., JR., 148
- KASHII, S., SOLOMON, S. K., MOSER, F. G., TOSTANOWSKI, J., and BURDE, R. M.: Progressive visual field defects in patients with intracranial arteriovenous malformations, 556
- KAUFMAN, H. E.: See BEYER, C. F., 95
- KAUFMAN, H. E.: See CHEN, Y. F., 132
- KAUFMAN, H. E.: See FRANTZ, J. M., 143
- KAUFMAN, P. L.: See ROBINSON, J. C., 499
- KAUFMAN, P. L.: See SPONSEL, W. E., 49
- KEECH, R. V.: Guide to Clinical Preventive Services. An Assessment of the Effectiveness of 169 Interventions. Report of the U.S. Preventive Services Task Force, by Fisher, M. (ed.) (book review), 246
- KEECH, R. V., SCOTT, W. E., and BAKER, J. D.: The medial rectus muscle insertion site in infantile esotropia, 79
- KEECH, R. V.: See MILLER-MEEKS, M. J., 199
- KELMAN, S.: See BENNER, J. D., 632
- KEPPEN, L. D.: See BRODSKY, M. C., 450
- KIESSLING, L. A.: See RAPOZA, P. A., 138
- KIJLSTRA, A.: See MURRAY, P. I., 394
- KIM, R. Y., SEIFF, S. R., HOWES, E. L., JR., and O'DONNELL, J. J.: Necrotizing scleritis secondary to conjunctival squamous cell carcinoma in acquired immunodeficiency syndrome (letter), 231
- KING, D. G.: See LAYDEN, W. E., 530
- KLEIN, B., COUCH, J., and THOMPSON, J.: Ocular infections associated with *Eikenella corrodens*, 127
- KLINTWORTH, G. K.: See DEL PERO, R. A., 419
- KLINTWORTH, G. K.: See LEONARDY, N. J., 436
- KLUGMAN, M.: See BENNETT, S. R., 33
- KOOPS, B. L.: See HERMSEN, V. M., 608
- KRUG, J. H., JR., and MELAMED, S.: Adjunctive use of delayed and adjustable low-dose 5-fluorouracil in refractory glaucoma, 412
- KUZMA, P. M.: See FRIBERG, T. R., 609
- KWITKO, G. M.: See SPOOR, T. C., 23, 314

L

- LAATIKAINEN, L., IMMONEN, I., and SUMMANEN, P.: Reply to MACHEMER, R.: Peripheral retinal angiomalike lesion and macular pucker (correspondence), 244
- LAIBSON, P. R.: See RAPUANO, C. J., 689

- LAM, B. L., and WEINGEIST, T. A.: Corticosteroid-responsive traumatic optic neuropathy (letter), 99
- LAM, S.: See FOSTER, J. A., 713
- LAURITZEN, K.: See AUGSBURGER, J. J., 585
- LAVIN, P. J. M.: See WOLIN, M. J., 430
- LAYDEN, W. E., RITCH, R., KING, D. G., and TEEKHASAENEE, C.: Combined exfoliation and pigment dispersion syndrome, 530
- LAZAR, M.: See GEYER, O., 111
- LEE, D. A.: See PANEK, W. C., 62
- LEE, D. A.: See SCHWARTZ, S. D., 701
- LEE, S. F., STORCH, G. A., REED, C. A., HAGERTY, C. M., and PEPOSE, J. S.: Comparative laboratory diagnosis of experimental herpes simplex keratitis, 8
- LEE, S. F.: See GANS, L. A., 474
- LEIB, M. L.: See SEIDENBERG, K. B., 13
- LEMP, M. A.: See GANS, L. A., 474
- LEONARDY, N. J., DABBS, C. K., and STERNBERG, P., JR.: Subretinal neovascularization after operating microscope burn (letter), 224
- LEONARDY, N. J., RUPANI, M., DENT, G., and KLINTWORTH, G. K.: Analysis of 135 autopsy eyes for ocular involvement in leukemia, 436
- L'ESPERANCE, F. A., JR.: See DEL PERO, R. A., 419
- LESSER, R. L., ZHEUTLIN, J. D., BOGHEN, D., ODEL, J. G., and ROBBINS, R. J.: Visual function improvement in patients with macroprolactinoma treated with bromocriptine, 535
- LEWANDOWSKI, M. F.: See RUTTUM, M. S., 350
- LEWIS, H.: See MOISSEIEV, J., 604
- LIEGNER, J. T., YEE, R. W., and WILD, J. H.: Topical cyclosporine therapy for ulcerative keratitis associated with rheumatoid arthritis (letter), 610
- LINBERG, J. V., and MAYLE, M.: Spontaneous orbital hemorrhage associated with idiopathic inflammatory pseudotumor (letter), 103
- LINDGREN, A.: See HEIJL, A., 110
- LINDGREN, G.: See HEIJL, A., 110
- LLOYD, M. A.: See RUTTUM, M. S., 350
- LONG, J. A.: Aesthetic Surgery of the Eyelids, by Loeb, R. (book review), 492
- LONG, J. A.: A Color Atlas of Ptosis. A Practical Guide to Evaluation and Management, by Dutton, J. J. (book review), 364
- LONGWORTH, D. L.: See LOWDER, C. Y., 242
- LOTT, M. T., VOLJAVEC, A. S., and WALLACE, D. C.: Variable genotype of Leber's hereditary optic neuropathy patients, 625
- LOWDER, C. Y., MEISLER, D. M., McMAHON, J. T., LONGWORTH, D. L., and RUTHERFORD, I.: Microsporidia infection of the cornea in a man seropositive for human immunodeficiency virus (letter), 242
- M**
- MACHEMER, R.: Peripheral retinal angiomalike lesion and macular pucker (correspondence), 244
- MACHEMER, R.: See ZILIS, J. D., 469
- MACRAE, D.: See RO, A., 75
- MADER, T. H., STULTING, R. D., and CROSSWELL, H. H., JR.: Bilateral paralimbal scleromalacia perforans (letter), 233
- MAGUIRE, J. I., BENSON, W. E., and BROWN, G. C.: Treatment of foveal pigment epithelial detachments with contiguous extrafoveal choroidal neovascular membranes, 523
- MAGUIRE, L. J.: Corneal topography of patients with excellent Snellen visual acuity after epikeratophakia for aphakia, 162
- MAGUIRE, L. J.: See CAMP, J. J., 379
- MAHJOUB, S. B.: See AU, Y.-K., 96
- MAHMOOD, M. A.: See CAMERON, J. A., 486
- MALM, G.: See EL AZAZI, M., 1
- MALTZMAN, B. A.: Contact Lenses. A Textbook for Practitioner and Student, ed. 3, by Phillips, A. J., and Stone, J. (eds.) (book review), 246
- MANDELBAUM, S.: See ROSENFELD, S. I., 17
- MANNING, F. J., BRUCE, A. M., and BERNSON, E. L.: Electoretinograms in microcephaly with chorioretinal degeneration, 457
- MANNIS, M. J.: Myopia Surgery. Anterior and Posterior Segments, by Thompson, F. B. (ed.) (book review), 365
- MANOR, R. S.: Entopic phenomena in pregeniculate and postgeniculate hemianopsia with splitting of macula by perimetry, 108:585; correction, 375
- MARCUS, D. F.: See BOVINO, J. A., 616
- MARGO, C. E.: See MOSTELLER, M. W., 733
- MARTIN, C. A.: See DEL PERO, R. A., 419
- MARTIN, D. F.: See GROSSNIKLAUS, H. E., 736
- MATSUMOTO, Y.: See ISHIBASHI, Y., 121
- MATTERN, J., and MAYER, P. R.: Excretion of fluorescein into breast milk (letter), 598
- MAYER, P. R.: See MATTERN, J., 598
- MAYLE, M.: See LINBERG, J. V., 103
- McCAFFREY, T. V.: See BARTLEY, G. B., 227
- McCALL, L. C.: See GLASGOW, B. J., 696
- McCARTY, D.: See JAFFE, G. J., 661
- McCUE, B. W., II: See SHETA, S. M., 28, 616
- McDONALD, M. B.: See FRANTZ, J. M., 143
- McLEISH, W., PFLUGFELDER, S. C., CROUSE, C., RABINOWITZ, S., MILLER, D., HILL, E. L., and ATHERTON, S.: Interferon treatment of herpetic keratitis in a patient with acquired immunodeficiency syndrome (letter), 93
- McMAHON, J. T.: See LOWDER, C. Y., 242
- McMANUS, D. P.: See ENGLISH, F. P., 239
- MEISELMAN, H. J.: See ENGSTROM, R. E., JR., 153
- MEISLER, D. M.: See LOWDER, C. Y., 242
- MELAMED, S., ASHKENAZI, I., GLOVINSKI, J., and BLUMENTHAL, M.: Tight scleral flap trabeculectomy with postoperative laser suture lysis, 303
- MELAMED, S.: See KRUG, J. H., JR., 412
- MEREDITH, T. A.: See STERNBERG, P., JR., 148
- METS, M. B.: See GUTERMAN, C., 228

- MEYER, D. R., and WOBIG, J. L.: Diamond-shaped incision for obtaining dermis-fat grafts (letter), 746
- MEYER, S. M.: See FRAUNFELDER, F. T., 489
- MICHEL, M., and SIDIKARO, Y.: A new instrument for ab interno drainage of subretinal fluid (letter), 360
- MICHEL, M., and SIDIKARO, Y.: Shadow- and reflex-free use of combined fiberoptic manipulators and illuminators in vitreous surgery (letter), 358
- MIELER, W. F.: See ERIE, J. C., 259
- MIELER, W. F.: See JAFFE, G. J., 661
- MIELER, W. F.: See SHIELDS, J. A., 647
- MIELER, W. F.: See WILLIAMS, D. F., 606
- MILLER, D.: See MCLEISH, W., 93
- MILLER-MEEKS, M. J., BENNETT, S. R., KEECH, R. V., and BLODI, C. F.: Myopia induced by vitreous hemorrhage, 199
- MINASSIAN, D.: See PAULEIKHOFF, D., 38
- MINCHER, C. A.: See PRAGER, T. C., 279
- MINCKLER, D. S.: See HASTY, B., 721
- MISHRA, J.: See PRAGER, T. C., 279
- MOISSEIEV, J., LEWIS, H., BARTOV, E., FINE, S. L., and MURPHY, R. P.: Superficial retinal refractile deposits in juxtafoveal telangiectasis (letter), 604
- MONDINO, B. J.: See SCHWARTZ, S. D., 701
- MOOY, C. M.: See MURRAY, P. I., 394
- MORGAN, K. M.: See CAMPOCHIARO, P. A., 668
- MOSER, F. G.: See KASHII, S., 556
- MOSTELLER, M. W., and MARGO, C. E.: Visual loss from endothelial cell melanization of the cornea (letter), 733
- MOTTIER, M.: See NEELY, K. A., 347
- MURCHISON, J. F., JR., and SHIELDS, M. B.: Limbal-based vs fornix-based conjunctival flaps in combined extracapsular cataract surgery and glaucoma filtering procedure, 709
- MURPHY, R. P.: See MOISSEIEV, J., 604
- MURRAY, A. D. N.: See SALMON, J. F., 400
- MURRAY, P.: See BENEVENTO, W. J., 329
- MURRAY, P. I., MOOY, C. M., VISSER-DE JONG, E., BAARSMA, G. S., DE VRIES, J., DE JONG, P. T. V. M., and KIJLSTRA, A.: Immunohistochemical analysis of iris biopsy specimens from patients with Fuchs' heterochromic cyclitis, 394
- MURRAY, T. G., ABRAMS, G. W., and STANLEY, J.: Pars plana vitrectomy in the management of dislocated posterior chamber lenses (correspondence), 362
- N**
- NAVIA ARAY, E.: A technique for fixing posterior chamber intraocular lenses to the iris through a corneoscleral incision (letter), 488
- NEELY, K. A., ERNEST, J. T., and MOTTIER, M.: Combined superior oblique paresis and Brown's syndrome after blepharoplasty (letter), 347
- NELSON, L. B.: See SANDERS, R. J., 705
- NEUFELD, A. H.: See HERNANDEZ, M. R., 180
- NEWELL, F. W.: Peer review (editorial), 221
- NEWELL, F. W.: Scheie, Harold G. 1909-1990 (obituary), 753
- NEWELL, F. W.: What is the evidence and medical advertising (editorial), 478
- NEWELL, F. W.: What Kind of Life. The Limits of Medical Progress, by Callahan, D. (book review), 493
- NEWMAN, N. J., and WALLACE, D. C.: Mitochondria and Leber's hereditary optic neuropathy, 726
- NICHOLS, C. W.: See GROSSMAN, M., 234
- NICHOLSON, D. H.: See HAY, A., 482
- NICOLSON, M.: See PARELMAN, J. J., 603
- NOBLE, K. G.: Bilateral choroidal osteoma in three siblings, 656
- NOBLE, K. G., CARR, R. E., and SIEGEL, I. M.: Autosomal dominant congenital stationary night blindness and normal fundus with an electro-negative electroretinogram, 44
- NOREIKA, J. C.: Competition and ophthalmology, 340
- NOREIKA, J. C.: The oversupply of ophthalmic practitioners, 593
- NUCCI, P.: Familial congenital cornea guttata with anterior polar cataracts (correspondence), 245
- NUSSENBLATT, R. B.: See DE SMET, M. D., 240
- O**
- O'DEL, J. G.: See LESSER, R. L., 535
- O'DONNELL, J. J.: See KIM, R. Y., 231
- O'GRADY, J. M.: See SPOOR, T. C., 23
- OLK, R. J.: See HALPERIN, L. S., 563
- OLSEN, K. R.: See HAY, A., 482
- O'NEILL, K.: See EIFERMAN, R. A., 356
- ORTON, R. B.: See RO, A., 75
- ORZALESI, N.: See BOTTONI, F., 285
- OSHIMA, T.: See HIRAKATA, K., 225
- OST, M.: See CIBIS, G. W., 445
- OYAKAWA, R. T.: See CAMPO, R. V., 362
- P**
- PALESTINE, A. G.: See DE SMET, M. D., 240
- PANEK, W. C., BOOTHE, W. A., LEE, D. A., ZEMPLENYI, E., and PETTIT, T. H.: Intraocular pressure measurement with the Tono-Pen through soft contact lenses, 62
- PANG, V.: See CIBIS, G. W., 445
- PARELMAN, J. J., NICOLSON, M., and PEPOSE, J. S.: Epidermal growth factor in human aqueous humor (letter), 603
- PARKS, M. M.: See TRABOULSI, E. I., 310

- PARRISH, R. K., II: See DARNLEY-FISCH, D. A., 55
 PARROW, K. A.: See HOLEC-IWASKO, S., 602
 PAULEIKHOFF, D., BARONDES, M. J., MINASSIAN, D., CHISHOLM, I. H., and BIRD, A. C.: Drusen as risk factors in age-related macular disease, 38
 PAULEIKHOFF, D., CHEN, J. C., CHISHOLM, I. H., and BIRD, A. C.: Choroidal perfusion abnormality with age-related Bruch's membrane change, 211
 PENAR, P. L.: See BERREEN, J. P., 237
 PEPOSE, J. S.: See BENEVENTO, W. J., 329
 PEPOSE, J. S.: See GANS, L. A., 474
 PEPOSE, J. S.: See LEE, S. F., 8
 PEPOSE, J. S.: See PARELMAN, J. J., 603
 PERAKIS, A.: See GIZZI, M., 105
 PERRY, H. D., DONNENFELD, E. D., and FONT, R. L.: Intracorneal ophthalmomyiasis (letter), 741
 PETTIT, T. H.: See PANEK, W. C., 62
 PEYMAN, G.: See BAUDOUIN, C., 70
 PFLUGFELDER, S. C.: See MCLEISH, W., 93
 PFLUGFELDER, S. C.: See ROSENFELD, S. I., 17
 PILTZ, J. R., and STARITA, R. J.: Test-retest variability in glaucomatous visual fields (correspondence), 109
 PIROS, J.: See ZAIDMAN, G. W., 334
 POLLARD, Z. F.: Accommodative esotropia after ocular and head injury, 195
 PRAGER, T. C., GARCIA, C. A., MINCHER, C. A., MISHRA, J., and CHU, H.-H.: The pattern electroretinogram in diabetes, 279
 PRESLAN, M. W.: See BENNER, J. D., 632
 PULIDO, J. S., and SHIRES, T. K.: The Vitreous. Structure, Function, and Pathobiology, by Sebag, J. (book review), 493
 PUTTERMAN, A. M.: Scalpel neodymium: YAG laser in oculoplastic surgery, 581
 PUTTERMAN, A. M.: See STEINSAPIR, K. D., 387

Q

- QUIGLEY, H. A.: See JAMPEL, H. D., 168
 QUINN, T. C.: See RAPOZA, P. A., 138
 QUIROZ, M. A.: See ARZABE, C. W., 107

R

- RABINOWITZ, S.: See MCLEISH, W., 93
 RAMBIN, E. D.: See AU, Y.-K., 96
 RAMOCKI, J. M.: See SPOOR, T. C., 23
 RANELLS, J. D.: See BRODSKY, M. C., 450
 RAPOZA, P. A., QUINN, T. C., TERRY, A. C., GOTTSCH, J. D., KIESSLING, L. A., and TAYLOR, H. R.: A systematic approach to the diagnosis and treatment of chronic conjunctivitis, 138
 RAPUANO, C. J., COHEN, E. J., BRADY, S. E., ARENTSEN, J. J., and LAIBSON, P. R.: Indications for and outcomes of repeat penetrating keratoplasty, 689
 REED, C. A.: See BENEVENTO, W. J., 329

- REED, C. A.: See LEE, S. F., 8
 REED, J. W.: See VAN RENS, E., 351
 REIDY, J. J.: See CHEN, Y. F., 132
 REYNOLDS, M. D.: See AU, Y.-K., 96
 RICE, C. D.: See BRODSKY, M. C., 450
 RITCH, R.: See LAYDEN, W. E., 530
 RIVARD, A. K.: See EIFERMAN, R. A., 97
 RO, A., CHERNOFF, G., MACRAE, D., ORTON, R. B., and CADERA, W.: Auditory function in Duane's retraction syndrome, 75
 ROBB, R. A.: See CAMP, J. J., 379
 ROBBINS, R. J.: See LESSER, R. L., 535
 ROBERTS, A. D.: See DEL PERO, R. A., 419
 ROBERTSON, D. M.: See ERIE, J. C., 259
 ROBINSON, J. C., and KAUFMAN, P. L.: Effects and interactions of epinephrine, norepinephrine, timolol, and betaxolol on outflow facility in the cynomolgus monkey, 189; correction, 499
 ROLOSON, G. J.: See CIBIS, G. W., 445
 ROSENFELD, S. I., MANDELBAUM, S., CORRENT, G. F., PFLUGFELDER, S. C., and CULBERTSON, W. W.: Granular epithelial keratopathy as an unusual manifestation of *Pseudomonas* keratitis associated with extended-wear soft contact lenses, 17
 ROSENTHAL, P.: See SCHEIN, O. D., 318
 ROTHBERG, P. G.: See CIBIS, G. W., 445
 ROTHKOFF, L.: See GEYER, O., 111
 RUBIN, M. L.: See STEINMETZ, R. L., 295
 RUDOLPH, S.: See GIZZI, M., 105
 RUPANI, M.: See LEONARDY, N. J., 436
 RUTHERFORD, I.: See LOWDER, C. Y., 242
 RUTTUM, M. S., LLOYD, M. A., and LEWANDOWSKI, M. F.: Echography in the diagnosis of restrictive motility caused by severe myopia (letter), 350

S

- SADUN, A. A.: See FRIEDMAN, D. I., 236
 SAFRAN, A. B.: See BRAZITIKOS, P. D., 290
 SAFRAN, M. J.: See TICHIO, B. H., 352
 SAGGAU, D. D.: See TICHIO, B. H., 352
 SALMON, J. F., STRAUSS, P. C., TODD, G., and MURRAY, A. D. N.: Acute scleritis in porphyria cutanea tarda, 400
 SANDERS, R. J., NELSON, L. B., and DEUTSCH, J. A.: Peribulbar anesthesia for strabismus surgery, 705
 SCHEIN, O. D., ROSENTHAL, P., and DUCHARME, C.: A gas-permeable scleral contact lens for visual rehabilitation, 318
 SCHILLER, J. D.: See BOSNIAK, S. L., 101
 SCHWARTZ, B.: See TOMITA, G., 361
 SCHWARTZ, D.: See JAFFE, G. J., 661
 SCHWARTZ, M.: See BENNER, J. D., 632
 SCHWARTZ, S. D., HARRISON, S. A., ENGSTROM, R. E., JR., BAWDON, R. E., LEE, D. A., and MONDINO, B. J.: Collagen shield delivery of amphotericin B, 701
 SCOTT, W. E.: See KEECH, R. V., 79

- SEIDENBERG, K. B., and LEIB, M. L.: Orbital myositis with Lyme disease, 13
- SEIFF, S. R.: See KIM, R. Y., 231
- SEMPLE, H. C., and BALL, S. F.: Pigmentary glaucoma in the black population, 518
- SHEARER, D. R., and BOURNE, W. M.: Severe ocular anterior segment ischemia after long-term trifluridine treatment for presumed herpetic keratitis (letter), 346
- SHERMAN, M. D.: See SNYDER, R. W., 483
- SHETA, S. M., HIDA, T., and MCCUEN, B. W., II: Cyanoacrylate tissue adhesive in the management of recurrent retinal detachment caused by macular hole, 28
- SHETA, S. M., HIDA, T., and MCCUEN, B. W., II: Reply to BOVINO, J. A., and MARCUS, D. F.: Cyanoacrylate tissue adhesive in the management of recurrent retinal detachment caused by macular hole (correspondence), 616
- SHIELDS, C. L.: See DESAI, V. N., 355
- SHIELDS, C. L.: See SHIELDS, J. A., 647
- SHIELDS, J. A., GLAZER, L. C., MIELER, W. F., SHIELDS, C. L., and GOTTLIEB, M. S.: Comparison of xenon arc and argon laser photocoagulation in the treatment of choroidal melanomas, 647
- SHIELDS, J. A.: See DESAI, V. N., 355
- SHIELDS, M. B.: See MURCHISON, J. F., JR., 709
- SHIELDS, M. B.: See SIMMONS, R. B., 174
- SHIN, D. H.: See HOLEC-IWASKO, S., 602
- SHIN, D. H.: See ZEITER, J. H., 732
- SHIRES, T. K.: See PULIDO, J. S., 493
- SIDIKARO, Y.: See MICHELS, M., 358, 360
- SIEGEL, I. M.: See NOBLE, K. G., 44
- SIMMONS, R. B., BLASINI, M., SHIELDS, M. B., and ERICKSON, P. J.: Comparison of transcleral neodymium:YAG cyclophotocoagulation with and without a contact lens in human autopsy eyes, 174
- SLUSHER, M. M.: See GREVEN, C. M., 105
- SMITH, R. E.: See HWANG, D. G., 92
- SMITH, T. J.: See CHRISTIANSEN, S. P., 230
- SNYDER, R. W., SHERMAN, M. D., and ALLINSON, R. W.: Intracameral tissue plasminogen activator for treatment of excessive fibrin response after penetrating keratoplasty (letter), 483
- SÖDERSTRÖM, M. B., GRANSTRÖM, P.-A., WALIN, Ö., and THORBURN, W.: Reply to GEYER, O.: Timolol-pilocarpine combined vs timolol and pilocarpine given separately (correspondence), 111
- SOLOMON, A. R.: See GROSSNIKLAUS, H. E., 353, 736
- SOLOMON, S. K.: See KASHII, S., 556
- SOMMER, A.: Automated perimetry, tonometry, and questionnaire in glaucoma screening (correspondence), 362
- SOMMER, A.: Variations in patient care to identify preferred management (editorial), 89
- SOUBRANE, G., BOKOBZA, R., and COSCAS, G.: Late developing lesions in birdshot retinochoroidopathy, 204
- SOUBRANE, G.: See HALPERIN, L. S., 563
- SPENCER, W. H.: Harrington, David Oliver 1904-1990 (obituary), 752
- SPIERER, A.: See BARTOV, E., 748
- SPONSEL, W. E., DEPAUL, K. L., and KAUFMAN, P. L.: Correlation of visual function and retinal leukocyte velocity in glaucoma, 49
- SPOOR, T. C., and KWITKO, G. M.: Blepharoptosis repair by fascia lata suspension with direct tarsal and frontalis fixation, 314
- SPOOR, T. C., KWITKO, G. M., O'GRADY, J. M., and RAMOCKI, J. M.: Traumatic hyphema in an urban population, 23
- STANLEY, J.: See MURRAY, T. G., 362
- STARITA, R. J.: See PILTZ, J. R., 109
- STATHOS, J.: See CAMPOCHIARO, P. A., 668
- STEINMETZ, R. L., STRAATSMA, B. R., and RUBIN, M. L.: Posterior vitreous cyst, 295
- STEINSAPIR, K. D., GLATT, H. J., and PUTTERMAN, A. M.: A 16-year study of conjunctival dacryocystorhinostomy, 387
- STERNBERG, P., JR., MEREDITH, T. A., STEWART, M. A., and KAPLAN, H. J.: Retinal detachment in penetrating keratoplasty patients, 148
- STERNBERG, P., JR.: See LEONARDY, N. J., 224
- STEWART, M. A.: See STERNBERG, P., JR., 148
- STORCH, G. A.: See LEE, S. F., 8
- STRAATSMA, B. R.: See STEINMETZ, R. L., 295
- STRAUSS, P. C.: See SALMON, J. F., 400
- STULTING, R. D.: See MADER, T. H., 233
- SUGAR, A.: Cataract Surgery and Its Complications, ed. 5, by Jaffe, N. S., Jaffe, M. S., and Jaffe, G. F. (book review), 492
- SUGAR, J.: See FOSTER, J. A., 713
- SUMMANEN, P.: See LAATIKAINEN, L., 244
- SWERLICK, R. A.: See GROSSNIKLAUS, H. E., 353

T

- TAKAMOTO, T.: See TOMITA, G., 361
- TAYLOR, D. M.: See DEL PERO, R. A., 419
- TAYLOR, H. R.: See RAPOZA, P. A., 138
- TEEKHASAENEE, C.: See LAYDEN, W. E., 530
- TERRY, A. C.: See RAPOZA, P. A., 138
- THOMAS, M. A., and HALPERIN, L. S.: Subretinal endolaser treatment of a choroidal bleeding site (letter), 742
- THOMPSON, H. S.: Ryan. A Mother's Story of Her Hyperactive/Tourette Syndrome Child, by Hughes, S. (book review), 750
- THOMPSON, H. S.: Tourette Syndrome and Human Behavior, by Comings, D. E. (book review), 750
- THOMPSON, J.: See KLEIN, B., 127
- THORBURN, W.: See SÖDERSTRÖM, M. B., 111

- TICHO, B. H., URBAN, R. C., JR., SAFRAN, M. J., and SAGGAU, D. D.: *Capnocytophaga* keratitis associated with poor dentition and human immunodeficiency virus infection (letter), 352
- TODD, G.: See SALMON, J. F., 400
- TOMITA, G., TAKAMOTO, T., and SCHWARTZ, B.: Reply to KALENAK, J. W.: Glaucomalike disks without increased intraocular pressure or visual field loss (correspondence), 361
- TORCZYNSKI, E.: See WINTERBOTHAM, C. T. C., 544
- TOSTANOWSKI, J.: See KASHIL, S., 556
- TOWNSHEND, L. M., and BUCKLEY, E. G.: Linear subcutaneous fat atrophy after a single corticosteroid injection for ocular adnexal hemangioma (letter), 102
- TRABOULSI, E. I., and PARKS, M. M.: Glaucoma in oculo-dento-osseous dysplasia, 310
- TRABOULSI, E. I., and WEINBERG, R. J.: Reply to NUCCI, P.: Familial congenital cornea guttata with anterior polar cataracts (correspondence), 245
- TRIESTER, G.: See BARTOV, E., 107, 748
- TROUSDALE, M. D.: See HWANG, D. G., 92
- TSAL, C. S.: See HOLEC-IWASKO, S., 602
- U**
- URBAN, R. C., JR.: See TICHO, B. H., 352
- V**
- VAN BUSKIRK, E. M., BACON, D. R., and FAHRENBACH, W. H.: Ciliary vasoconstriction after topical adrenergic drugs, 511
- VANDER, J. F., BROWN, G. C., and BENSON, W. E.: Iris neovascularization after central retinal artery obstruction despite previous panretinal photocoagulation for diabetic retinopathy, 464
- VAN METER, W. S., GUSSLER, J. R., CHANSUE, E., CHAIDAROON, W., and DUANGRATANA, S.: Penetrating keratoplasty after scleral patch graft (letter), 739
- VAN RENS, E., and REED, J. W.: Elimination of the risk of needle-stick injury in handling donor eyes (letter), 351
- VAN RENS, E.: See GREVEN, C. M., 105
- VELAZQUEZ, N.: See WEISS, M. J., 407
- VISSER-DE JONG, E.: See MURRAY, P. I., 394
- VOLJAVEC, A. S.: See LOTT, M. T., 625
- VON NOORDEN, G. K.: The Sixth Congress of the International Strabismological Association, 751
- VRABEC, M. P.: See BERREEN, J. P., 237
- W**
- WAGNER, R. S.: See DESAI, V. N., 355
- WAGONER, M. D.: See HEMADY, R. K., 735
- WALLACE, D. C.: See LOTT, M. T., 625
- WALLACE, D. C.: See NEWMAN, N. J., 726
- WALLIN, Ö.: See SÖDERSTRÖM, M. B., 111
- WARD, C., and WECK, S.: Dilution and storage of recombinant tissue plasminogen activator (Activase) in balanced salt solutions (letter), 98
- WARD, D. E.: See HWANG, D. G., 92
- WATANABE, R.: See ISHIBASHI, Y., 121
- WEAVER, D. T., and BARTLEY, G. B.: Cyclosporine-induced trichomegaly (letter), 239
- WEAVER, D. T., and HERMAN, D. C.: A contraindication to injection of intravenous fluorescein (letter), 490
- WECK, S.: See WARD, C., 98
- WEINBERG, D., DODWELL, D. G., and FERN, S. A.: Anatomy of arteriovenous crossings in branch retinal vein occlusion, 298
- WEINBERG, R. J.: See TRABOULSI, E. I., 245
- WEINER, M. J.: See BORUCHOFF, S. A., 622
- WEINGEIST, T. A.: See LAM, B. L., 99
- WEINSTEIN, G. S.: Oculoplastic and Orbital Emergencies, by Linberg, J. V. (ed.) (book review), 364
- WEINSTEIN, J. M.: See JACOBSON, D. M., 484
- WEISS, M. J., VELAZQUEZ, N., and HOFELDT, A. J.: Serologic tests in the diagnosis of presumed toxoplasmic retinochoroiditis, 407
- WESSELS, I. F.: Indirect viewing of the periphery of the ocular fundus through a plane mirror—correction (correspondence), 748
- WILD, J. H.: See LIEGNER, J. T., 610
- WILKINSON, M. J.: See HOLEC-IWASKO, S., 602
- WILLIAMS, D. F., BENNETT, S. R., ABRAMS, G. W., HAN, D. P., MIELER, W. F., JAFFE, G. J., and WILLIAMS, G. A.: Low-dose intraocular tissue plasminogen activator for treatment of postvitrectomy fibrin formation (letter), 606
- WILLIAMS, G. A.: See WILLIAMS, D. F., 606
- WILLIS, R. M.: See JACOBSON, D. M., 484
- WINTERBOTHAM, C. T. C., TORCZYNSKI, E., HORWITZ, A. L., YUE, B. Y. J. T., and FONT, R. L.: Unusual mucopolysaccharide disorder with corneal and scleral involvement, 544
- WOBIG, J. L.: See MEYER, D. R., 746
- WOLIN, M. J., and LAVIN, P. J. M.: Spontaneous visual recovery from traumatic optic neuropathy after blunt head injury, 430
- Y**
- YASURAOA, K.: See ISHIBASHI, Y., 121
- YEE, R. W.: See LIEGNER, J. T., 610
- YEH, T.-S.: See CHUNG, Y.-M., 745
- YUE, B. Y. J. T.: See WINTERBOTHAM, C. T. C., 544
- Z**
- ZAIDMAN, G. W.: Episcleritis and symblepharon associated with Lyme keratitis (letter), 487

ZAIDMAN, G. W., COUDRON, P., and PIROS, J.:
Listeria monocytogenes keratitis, 334

ZEITER, J. H., and SHIN, D. H.: Traumatic rupture of
the globe after glaucoma surgery (letter), 732

ZEMPLÉNYI, E.: See PANEK, W. C., 62

ZHANG, G. W.: See ENGLISH, F. P., 239

ZHEUTLIN, J. D.: See LESSER, R. L., 535

ZILIS, J. D., CHANDLER, D., and MACHEMER, R.:
Clinical and histologic effects of extreme intraocular hypothermia, 469

ABSTRACT INDEX

A

Acquired immunodeficiency syndrome

Retinal dysfunction as an initial ophthalmic sign in AIDS, 620

Aldose reductase

Diabetic-like retinopathy in rats prevented with an aldose reductase inhibitor, 374

Allergy

Conjunctival provocative tests: a model of human ocular allergy, 755

Alzheimer's disease

Abnormal pattern electroretinogram in Alzheimer's disease: evidence for retinal ganglion cell degeneration?, 115

Abnormal pattern electroretinograms in patients with senile dementia of the Alzheimer type, 116

Amaurosis fugax

"Transient monocular blindness" versus "amaurosis fugax", 497

Apraclonidine hydrochloride

The role of apraclonidine hydrochloride in laser therapy for glaucoma, 757

Aspirin

Effect of aspirin alone and aspirin plus dipyridazole in early diabetic retinopathy: a multicenter randomized controlled clinical trial, 249

Superior antiplatelet action of alternate day pulsed dosing versus split dose administration of aspirin, 372

Azathioprine

A controlled trial of azathioprine in Behçet's syndrome, 622

B

Bardet-Biedl syndrome

The cardinal manifestations of Bardet-Biedl syndrome, a form of Laurence-Moon-Biedl syndrome, 251

Behçet's disease

A controlled trial of azathioprine in Behçet's syndrome, 622

Beta-blocker

Myocardial infarction after ophthalmic betaxolol (letter), 374

Vasoconstrictive effect of topical timolol on human retinal arteries, 373

Betaxolol

Myocardial infarction after ophthalmic betaxolol (letter), 374

Blindness

"Transient monocular blindness" versus "amaurosis fugax", 497

Blood-retinal barrier

Effect of antihypertensive treatment on blood-retinal barrier permeability to fluorescein in hypertensive Type 1 (insulin-dependent) diabetic patients with background retinopathy, 117

C

Candida sp.

Prospective study of *Candida* endophthalmitis in hospitalized patients with candidemia, 372

Carcinoma

Cancer-associated retinopathy (car syndrome) with antibodies reacting with retinal, optic-nerve, and cancer cells, 497

Cataract

Is padding necessary after cataract extraction?, 248

Mapping the gene for X-linked cataracts and microcornea with facial, dental, and skeletal features to Xp22: an appraisal of the Nance-Horan syndrome, 756

"Operation cataract": a means of reducing waiting lists for cataract operations, 117

Cat eye syndrome

Cat eye syndrome associated with aganglionosis of the small and large intestine, 374

Central retinal vein

Electroretinography in central retinal vein occlusion. Correlation of electroretinographic changes with pupillary abnormalities, 373

Children

Antibodies to iris and retina detected in sera from patients with juvenile rheumatoid arthritis with iridocyclitis by indirect immunofluorescence studies on human eye tissue, 251

Night blindness and conjunctival xerosis caused by vitamin A deficiency in patients with cystic fibrosis, 116

Choroid

Clinical parameters predictive of enlargement of melanocytic choroidal lesions, 496

Computed tomography

The use of real-time orbital ultrasound in Graves' ophthalmopathy: a comparison with computed tomography, 116

Congenital disorders

Cat eye syndrome associated with aganglionosis of the small and large intestine, 374

Oncogenic point mutations in the human retinoblastoma gene: their application to genetic counseling, 497

A point mutation of the rhodopsin gene in one form of retinitis pigmentosa, 496

Conjunctiva

Conjunctival impression cytology for assessment of vitamin A status, 372

Conjunctival provocative tests: a model of human ocular allergy, 755

Night blindness and conjunctival xerosis caused by vitamin A deficiency in patients with cystic fibrosis, 116

Contact lens

The incidence of ulcerative keratitis among users of daily-wear and extended-wear soft contact lenses, 118

The relative risk of ulcerative keratitis among users of daily-wear and extended-wear soft contact lenses, 118

Cornea

An analysis of corneal endothelial and graft survival in pseudophakic bullous keratopathy, 757

Cyanoacrylates and corneal abrasion, 373

Development of a system for excimer laser corneal surgery, 758

A fibrin sealant for perforated and preperforated corneal ulcers, 249

Human fetal iridocorneal angle: a light and scanning electron microscopic study, 495

Mapping the gene for X-linked cataracts and microcornea with facial, dental, and skeletal features to Xp22: an appraisal of the Nance-Horan syndrome, 756

Pneumococcal endophthalmitis after ocular surgery—Alaska, California, 621

The surface of the corneal graft: in vivo color specular microscopic study in the human, 756

Touching the cornea enhances pharmacologic dilation of the pupil, mainly in the dark iris, 620

Corticosteroids

Use of corticosteroids to prevent progression of Graves' ophthalmopathy after radioiodine therapy for hyperthyroidism, 252

Cyanoacrylate

Cyanoacrylates and corneal abrasion, 373

Cyclosporine

Prednisone and cyclosporine in the treatment of severe Graves' ophthalmopathy, 252

Cystic fibrosis

Night blindness and conjunctival xerosis caused by vitamin A deficiency in patients with cystic fibrosis, 116

D

Diabetes

Effect of antihypertensive treatment on blood-retinal barrier permeability to fluorescein in hypertensive Type 1 (insulin-dependent) diabetic patients with background retinopathy, 117

Nephropathy is delayed by intensified insulin treatment in patients with insulin-dependent diabetes mellitus and retinopathy, 496

Nutritional factors in diabetics with and without retinopathy, 372

Diabetic retinopathy

Diabetic-like retinopathy in rats prevented with an aldose reductase inhibitor, 374

Effect of aspirin alone and aspirin plus dipyridamole in early diabetic retinopathy: a multicenter randomized controlled clinical trial, 249

Nephropathy is delayed by intensified insulin treatment in patients with insulin-dependent diabetes mellitus and retinopathy, 496

Pathogenesis of diabetic retinopathy, 249

Prevalence and risk factors of diabetic retinopathy in non-Hispanic whites and Hispanics with NIDDM, 250

Dopamine

The control of intraocular pressure by dopamine 1 (DA₁) receptors, 375

E

Electroretinography

Abnormal pattern electroretinogram in Alzheimer's disease: evidence for retinal ganglion cell degeneration?, 115

Abnormal pattern electroretinograms in patients with senile dementia of the Alzheimer type, 116

Electroretinography in central retinal vein occlusion. Correlation of electroretinographic changes with pupillary abnormalities, 373

Endophthalmitis

Pneumococcal endophthalmitis after ocular surgery—Alaska, California, 621

Prospective study of *Candida* endophthalmitis in hospitalized patients with candidemia, 372

Epithelium

The surface of the corneal graft: in vivo color specular microscopic study in the human, 756

Exophthalmos

Surgical treatment of thyrotoxic exophthalmos, 375

Eyedrops

Superglue inadvertently used as eyedrops, 621

Eyelid

Surgical treatment of thyrotoxic exophthalmos, 375

F

Fibrin

A fibrin sealant for perforated and preperforated corneal ulcers, 249

Filtering surgery

The use of liposome-encapsulated 5-fluorouracil for glaucoma surgery: 1. Animal studies, 755

G

Genetics

First cytogenetic evidence of homozygosity for the retinoblastoma deletion in chromosome 13, 496

Linkage analysis of families with hereditary retinoblastoma: nonpenetrance of mutation, revealed by combined use of markers within and flanking the RBI gene, 115

Mapping the gene for X-linked cataracts and microcornea with facial, dental, and skeletal features to Xp22: an appraisal of the Nance-Horan syndrome, 756

Oncogenic point mutations in the human retinoblastoma gene: their application to genetic counseling, 497

Glaucoma

The control of intraocular pressure by dopamine 1 (DA₁) receptors, 375

Human fetal iridocorneal angle: a light and scanning electron microscopic study, 495

Medical conditions underlying retinal vein occlusion in patients with glaucoma or ocular hypertension, 248

The role of apraclonidine hydrochloride in laser therapy for glaucoma, 757

Systemic effects of medications used to treat glaucoma, 495

Timolol treatment prevents or delays glaucomatous visual field loss in individuals with ocular hypertension: a five-year randomized, double-masked, clinical trial, 756

The use of liposome-encapsulated 5-fluorouracil for glaucoma surgery: 1. Animal studies, 755

Graves' ophthalmopathy

Prednisone and cyclosporine in the treatment of severe Graves' ophthalmopathy, 252

Use of corticosteroids to prevent progression of Graves' ophthalmopathy after radioiodine therapy for hyperthyroidism, 252

The use of real-time orbital ultrasound in Graves' ophthalmopathy: a comparison with computed tomography, 116

H

Health care delivery

"Operation cataract": a means of reducing waiting lists for cataract operations, 117

Human immunodeficiency virus

Neurosyphilis and ocular syphilis in patients with concurrent human immunodeficiency virus infection, 498

Hyperostosis

Hyperostosis cranialis interna. A new hereditary syndrome and cranial-nerve entrapment, 622

Hypertension

Medical conditions underlying retinal vein occlusion in patients with glaucoma or ocular hypertension, 248

Myocardial infarction after ophthalmic betaxolol (letter), 374

Timolol treatment prevents or delays glaucomatous visual field loss in individuals with ocular hypertension: a five-year randomized, double-masked, clinical trial, 756

Hyperthyroidism

Thyrotropin-secreting pituitary adenomas: clinical and biochemical heterogeneity, 248

Use of corticosteroids to prevent progression of Graves' ophthalmopathy after radioiodine therapy for hyperthyroidism, 252

I

Infants

Human fetal iridocorneal angle: a light and scanning electron microscopic study, 495

Light and electron microscopic findings in Leigh's disease, 498

Insulin

Nephropathy is delayed by intensified insulin treatment in patients with insulin-dependent diabetes mellitus and retinopathy, 496

Intraocular lens

An analysis of corneal endothelial and graft survival in pseudophakic bullous keratopathy, 757

Intraocular pressure

The control of intraocular pressure by dopamine 1 (DA₁) receptors, 375

The role of apraclonidine hydrochloride in laser therapy for glaucoma, 757

Iridocyclitis

Antibodies to iris and retina detected in sera from patients with juvenile rheumatoid arthritis with iridocyclitis by indirect immunofluorescence studies on human eye tissue, 251

Iridotomy

The role of apraclonidine hydrochloride in laser therapy for glaucoma, 757

Iris

Antibodies to iris and retina detected in sera from patients with juvenile rheumatoid arthritis with iridocyclitis by indirect immunofluorescence studies on human eye tissue, 251

Human fetal iridocorneal angle: a light and scanning electron microscopic study, 495

Touching the cornea enhances pharmacologic dilation of the pupil, mainly in the dark iris, 620

K

Keratitis

The incidence of ulcerative keratitis among users of daily-wear and extended-wear soft contact lenses, 118

The relative risk of ulcerative keratitis among users of daily-wear and extended-wear soft contact lenses, 118

Keratopathy

An analysis of corneal endothelial and graft survival in pseudophakic bullous keratopathy, 757

The surface of the corneal graft: in vivo color specular microscopic study in the human, 756

Keratoplasty

- Development of a system for excimer laser corneal surgery, 758

L**Laser**

- Development of a system for excimer laser corneal surgery, 758
- Laser-assisted reconstruction of the oculomotor nerve: experimental study on the feasibility of cranial nerve repair, 251
- The role of apraclonidine hydrochloride in laser therapy for glaucoma, 757

Leber's optic neuropathy

- Leber's optic neuropathy and mitral valve prolapse, 621

Leigh's disease

- Light and electron microscopic findings in Leigh's disease, 498

Leukemia

- A prospective ophthalmic evaluation of patients with acute myeloid leukemia: correlation of ocular and hematologic findings, 250

M**Macula**

- Acute macular neuroretinopathy following intravenous sympathomimetics, 498

Melanoma

- Clinical parameters predictive of enlargement of melanocytic choroidal lesions, 496
- Vogt-Koyanagi-Harada syndrome—isolation of cloned T cells with specificity for melanocytes and melanoma cells, 495

Meningioma

- Primary optic nerve sheath meningioma, 620

Microscopy

- The surface of the corneal graft: in vivo color specular microscopic study in the human, 756

Müller cell

- Müller cell alterations from long-term ambient fluorescent light exposure in monkeys: light and electron microscopic, fluorescein and lipofuscin study, 755

Multiple sclerosis

- Uncomplicated retrobulbar neuritis and the development of multiple sclerosis, 115

Myasthenia gravis

- Ocular pseudomyasthenia or ocular myasthenia 'plus', 118

N**Nance-Horan syndrome**

- Mapping the gene for X-linked cataracts and microcornea with facial, dental, and skeletal features to Xp22: an appraisal of the Nance-Horan syndrome, 756

Nephropathy

- Nephropathy is delayed by intensified insulin treatment in patients with insulin-dependent diabetes mellitus and retinopathy, 496

Night blindness

- Night blindness and conjunctival xerosis caused by vitamin A deficiency in patients with cystic fibrosis, 116

Nystagmus

- Downbeat nystagmus characteristics and localization of lesions, 758

O**Occlusion**

- Electroretinography in central retinal vein occlusion. Correlation of electroretinographic changes with pupillary abnormalities, 373

Ocular injuries

- Neurologic eye signs following motorcycle accidents, 116

Ocular palsy

- Oculomotor palsy with cyclic spasms, 118

Oculomotor nerve

- Laser-assisted reconstruction of the oculomotor nerve: experimental study on the feasibility of cranial nerve repair, 251

Optic nerve

- Cancer-associated retinopathy (car syndrome) with antibodies reacting with retinal, optic-nerve, and cancer cells, 497
- Hyperostosis cranialis interna. A new hereditary syndrome and cranial-nerve entrapment, 622
- Primary optic nerve sheath meningioma, 620

Orbit

- Surgical treatment of thyrotoxic exophthalmos, 375
- The use of real-time orbital ultrasound in Graves' ophthalmopathy: a comparison with computed tomography, 116

P**Patching**

- Is padding necessary after cataract extraction?, 248

Platelet aggregation

- Superior antiplatelet action of alternate day pulsed dosing versus split dose administration of aspirin, 372

Prednisone

- Prednisone and cyclosporine in the treatment of severe Graves' ophthalmopathy, 252

Pupil

- Touching the cornea enhances pharmacologic dilation of the pupil, mainly in the dark iris, 620

R**Radiation**

- Ultraviolet radiation and the eye: an epidemiologic study, 758

Retina

Abnormal pattern electroretinogram in Alzheimer's disease: evidence for retinal ganglion cell degeneration?, 115

Abnormal pattern electroretinograms in patients with senile dementia of the Alzheimer type, 116

Antibodies to iris and retina detected in sera from patients with juvenile rheumatoid arthritis with iridocyclitis by indirect immunofluorescence studies on human eye tissue, 251

Cancer-associated retinopathy (car syndrome) with antibodies reacting with retinal, optic-nerve, and cancer cells, 497

Light and electron microscopic findings in Leigh's disease, 498

Medical conditions underlying retinal vein occlusion in patients with glaucoma or ocular hypertension, 248

Müller cell alterations from long-term ambient fluorescent light exposure in monkeys: light and electron microscopic, fluorescein and lipofuscin study, 755

Retinal dysfunction as an initial ophthalmic sign in AIDS, 620

Vasoconstrictive effect of topical timolol on human retinal arteries, 373

Retinal pigment epithelium

Long-term follow-up of acute multifocal posterior placoid pigment epitheliopathy, 620

Retinitis pigmentosa

A point mutation of the rhodopsin gene in one form of retinitis pigmentosa, 496

Retinoblastoma

First cytogenetic evidence of homozygosity for the retinoblastoma deletion in chromosome 13, 496

Linkage analysis of families with hereditary retinoblastoma: nonpenetrance of mutation, revealed by combined use of markers within and flanking the RBI gene, 115

Oncogenic point mutations in the human retinoblastoma gene: their application to genetic counseling, 497

Retinoblastoma in transgenic mice, 621

Retinopathy

Acute macular neuroretinopathy following intravenous sympathomimetics, 498

Cancer-associated retinopathy (car syndrome) with antibodies reacting with retinal, optic-nerve, and cancer cells, 497

Effect of antihypertensive treatment on blood-retinal barrier permeability to fluorescein in hypertensive Type 1 (insulin-dependent) diabetic patients with background retinopathy, 117

Nutritional factors in diabetics with and without retinopathy, 372

A prospective ophthalmic evaluation of patients with acute myeloid leukemia: correlation of ocular and hematologic findings, 250

Retrobulbar space

Uncomplicated retrobulbar neuritis and the development of multiple sclerosis, 115

Rheumatoid arthritis

Antibodies to iris and retina detected in sera from patients with juvenile rheumatoid arthritis with iridocyclitis by indirect immunofluorescence studies on human eye tissue, 251

S***Streptococcus* sp.**

Pneumococcal endophthalmitis after ocular surgery—Alaska, California, 621

Syphilis

Neurosyphilis and ocular syphilis in patients with concurrent human immunodeficiency virus infection, 498

T**Timolol**

Timolol treatment prevents or delays glaucomatous visual field loss in individuals with ocular hypertension: a five-year randomized, double-masked, clinical trial, 756

Vasoconstrictive effect of topical timolol on human retinal arteries, 373

Trabecular meshwork

Human fetal iridocorneal angle: a light and scanning electron microscopic study, 495

Trabeculoplasty

The role of apraclonidine hydrochloride in laser therapy for glaucoma, 757

Tumor

Primary optic nerve sheath meningioma, 620

U**Ultraviolet**

Ultraviolet radiation and the eye: an epidemiologic study, 758

V**Vein occlusion**

Medical conditions underlying retinal vein occlusion in patients with glaucoma or ocular hypertension, 248

Visual field

Timolol treatment prevents or delays glaucomatous visual field loss in individuals with ocular hypertension: a five-year randomized, double-masked, clinical trial, 756

Vitamin

Conjunctival impression cytology for assessment of vitamin A status, 372

Night blindness and conjunctival xerosis caused by vitamin A deficiency in patients with cystic fibrosis, 116

Vogt-Koyanagi-Harada syndrome

Vogt-Koyanagi-Harada syndrome—isolation of cloned T cells with specificity for melanocytes and melanoma cells, 495

